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Preface

The *Petroleum Marketing Monthly* (PMM) provides information and statistical data on a variety of crude oils and refined petroleum products. The publication presents statistics on crude oil costs and refined petroleum products sales for use by industry, government, private sector analysts, educational institutions, and consumers. Data on crude oil include the domestic first purchase price, the *free on board* cost (FOB) and *landed* cost of imported crude oil, and the refiners' acquisition cost of crude oil. Refined petroleum product sales data include motor gasoline, distillates, residuals, aviation fuels, kerosene, and propane. The Office of Petroleum and Biofuels Statistics at the, U.S. Energy Information Administration (EIA) ensures the accuracy, quality, and confidentiality of the published data in the *Petroleum Marketing Monthly*.

Scope of data

The data within the *Petroleum Marketing Monthly* are compiled from five EIA survey forms. The crude oil statistics are calculated from data collected on the following three survey forms: Form EIA-182, Domestic Crude Oil First Purchase Report; Form EIA-856, Monthly Foreign Crude Oil Acquisition Report; and Form EIA-14, Refiners' Monthly Cost Report.

The statistics on petroleum product sales prices and volumes are derived from Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

The data presented in Tables 45 to 47 are derived from aggregations of data from Form EIA-782C, Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption.

Sections

Monthly statistics on purchases of crude oil and sales of petroleum products are presented in the *Petroleum Marketing Monthly* in six sections:

- Highlights
- Summary statistics
- Crude oil prices
- Prices of petroleum products
- Volumes of petroleum products
- Prime supplier sales volumes of petroleum products for local consumption

The publication highlights salient statistics for the United States in the Summary Statistics section. More detailed geographic coverage occurs in the other four sections. Geographic coverage for crude oil includes country of origin for foreign crude and Petroleum Administration for Defense (PAD) Districts and individual states for domestic crude oil. Geographic coverage of the petroleum products includes PAD Districts and individual states.

Detailed statistics for crude oil, including the price of imported crude oil by country of origin, by gravity, and by crude stream, can be found in the Crude Oil Prices section.

PAD District and/or state-level statistics for petroleum products are presented in the Prices, Volumes, and Prime Supplier Sales of Petroleum Products sections. To aid the reader in determining the market changes, the majority of the tables show data for the report month and previous month for the current year, as well as the report month for the previous year.

Notes on the tables

- For the crude oil statistics referencing Form EIA-182, *United States* includes the 50 States, the outer continental shelf, and the District of Columbia. For crude oil statistics referencing either Form EIA-14 or Form EIA-856, *United States* includes the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. For the petroleum products data, United States includes the 50 States and the District of Columbia.
- Prices exclude taxes. Refer to the Explanatory Notes for a tax table on motor fuels.
- Some of the tables use state abbreviations. Refer to the Explanatory Notes for a table of U.S. Postal State abbreviations.
- Sales of leaded gasoline are a component of averages and totals before October 1993.
- References to *Refiners* include gas plant operators (see the Glossary for definition of *Gas plant operators*).
- *Prime supplier* refers to a firm that produces, imports, or transports any of the selected petroleum products across state boundaries and local marketing areas and sells the product to local distributors, local retailers, or end users.
- The category *retail outlet* refers to any company-operated outlet selling gasoline, on-highway diesel fuel, or propane for on-highway vehicle use (see Glossary).
- No. 2 distillate volumes and prices are classified in accordance with what the product was sold as, regardless of the actual specifications of that product (see definitions of No. 2 distillate in the Glossary).
- Beginning with the February 2007 data release, EIA revised the table formats and content for the *Petroleum Marketing Monthly* (PMM) to eliminate oxygenated gasoline as a separate category and to revise the categories of diesel fuel (i.e., ultra-low sulfur, low sulfur, and high sulfur). In conjunction with these changes, the *total* columns in certain PMM tables have been eliminated to help ensure that sensitive data reported to EIA by individual survey respondents may not be closely estimated using the aggregates published by EIA. Refer to the Product Guide for new table numbers.
- As of January 2012, EIA changed the methodology used to calculate the initial price estimates for refiner acquisition costs of crude oil. The price estimate for domestic crude oil comes from a regression model based on West Texas Intermediate (WTI) crude oil spot market prices. The price estimate for imported crude oil comes from a regression model that uses a basket of world crude oil prices. The composite price estimate is a weighted average of the domestic and imported prices based on refinery receipts data found in the *Petroleum Supply Annual*.
- Final revisions to 2010 and 2011 monthly and annual values in Tables 1, 1A, and 18–27 were added to the *Petroleum Marketing Monthly* in the March 2013 issue.
- As of the March 2016 data release, January and February 2016 OPEC and non-OPEC crude oil prices in Tables 21 and 22 were revised to include Indonesia in OPEC and exclude it from non-OPEC.
- Beginning with the November 2017 data release, EIA responded to the increase of crude oil activity in the North Dakota region. EIA replaced the North Dakota Sweet Crude Stream on the EIA-182, Domestic Crude Oil First Purchase Report with the predominant North Dakota Bakken Crude Stream to provide an accurate price estimate for an important high volume crude stream regularly traded in domestic crude oil markets.

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Highlights

Crude oil

- September monthly average prices for crude oil increased in all sales categories. The average domestic crude oil first purchase price rose \$1.44 (2.7%) to \$55.07 per barrel.
- The average free-on-board (f.o.b.) cost of imported crude oil rose 74 cents (1.4%) to \$52.62 per barrel. The average landed cost of foreign crude oil increased 12 cents (0.2%) to \$54.85 per barrel.
- The average refiner acquisition cost for domestic crude oil increased \$1.50 (2.6%) to \$59.38 per barrel. The average cost of imported crude oil climbed \$1.93 (3.5%) to \$57.34 per barrel. The composite refiner acquisition cost for crude oil rose \$1.70 (3.0%) to \$58.60 per barrel.

Petroleum products

Motor gasoline

- Monthly average prices for refiner motor gasoline sales show mixed trends in September. The average retail price dropped 1.1 cents to \$2.241 per gallon, while the average wholesale price rose 3.4 cents to \$1.854 per gallon.
- Refiner sales of finished motor gasoline declined in September. Total sales fell 14.2 million gallons per day (4.2%) to an average of 326.5 million gallons per day. Retail sales decreased 1.8 million gallons per day (6.9%), while wholesales declined 12.4 million gallons per day (3.9%). DTW sales accounted for 7.1% of wholesales, while rack and bulk sales made up 88.4% and 4.4%, respectively.

No. 2 distillate

- Refiner prices for No. 2 distillates sales increased during September. The average price for No. 2 diesel fuel sold to end users rose 6.4 cents to \$2.101 per gallon, while the average wholesale price increased 9.0 cents to \$1.955 per gallon. The average retail price for No. 2 fuel oil rose 4.5 cents to \$2.200 per gallon, while the average wholesale price climbed 10.6 cents to \$1.901 per gallon.
- Monthly sales of No. 2 ultra-low sulfur diesel by refiners fell 6.3 million gallons per day (3.6%) to 170.1 million gallons per day in September. Retail sales declined 400,000 gallons per day (3.3%), while wholesales decreased 5.9 million gallons per day (3.6%).

Residual fuel oil

- Prices for refiner sales of residual fuel oil increased during September. The average retail price for residual fuel oil rose 9.4 cents to \$1.560 per gallon, while the average wholesale price increased 9.0 cents to \$1.337 per gallon.
- Refiner residual fuel oil sales dropped to 10.7 million gallons per day in September. Retail sales rose 600,000 gallons per day (23.1%), while wholesales fell 900,000 gallons per day (10.7%).

Other products

- Refiner prices for the other finished products generally rose in September. Prices for propane, kerosene-type jet fuel, and No. 1 distillate show increases in both the retail and wholesale categories. The price for aviation gasoline fell at the wholesale level, while the price for kerosene increased in the same category.
- Propane and No. 1 distillate sales by refiners rose at both the retail and wholesale levels in September. Sales of kerosene-type jet fuel increased at retail but fell at wholesale. Aviation gasoline sales declined at wholesale, while sales of kerosene rose in the same category.

Table HL1. U.S. refiner prices and volumes of petroleum products

prices: dollars per gallon excluding taxes, volumes: million gallons per day

Products	Sales to end users						Sales for resale					
	September 2019		August 2019		September 2018		September 2019		August 2019		September 2018	
	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume	Price	Volume
Motor gasoline	2.241	24.1	2.252	25.9	2.428	24.4	1.854	302.4	1.820	314.8	2.136	305.4
Conventional	2.080	15.2	2.086	16.2	2.313	14.9	1.773	203.2	1.755	213.4	2.091	207.5
Regular	2.026	13.3	2.034	14.2	2.263	13.2	1.729	181.0	1.712	189.8	2.056	186.2
Midgrade	2.310	0.7	2.308	0.8	2.536	0.8	1.956	1.2	1.940	1.4	2.266	1.4
Premium	2.586	1.1	2.580	1.1	2.796	1.0	2.135	20.9	2.107	22.2	2.409	20.0
Reformulated	2.516	8.9	2.529	9.7	2.610	9.5	2.019	99.2	1.956	101.4	2.230	97.9
Regular	2.393	6.5	2.421	7.2	2.511	7.0	1.953	82.5	1.896	84.4	2.179	81.7
Midgrade	2.748	0.9	2.732	0.9	2.791	0.9	2.223	0.6	2.096	0.6	2.360	0.7
Premium	2.914	1.5	2.895	1.6	2.953	1.5	2.352	16.1	2.261	16.4	2.494	15.6
Aviation gasoline	W	W	W	W	W	W	2.829	0.5	2.854	0.5	3.124	0.4
Kerosene-type jet fuel	1.937	32.1	1.901	31.9	2.257	32.2	1.898	44.3	1.864	44.8	2.214	40.2
Propane (consumer grade)	0.473	3.4	0.461	2.5	1.062	3.7	0.477	27.7	0.458	27.0	0.951	20.8
Kerosene	3.203	0.0	W	W	3.189	0.0	1.984	1.2	1.861	0.8	2.246	1.8
No. 1 distillate	2.348	0.1	2.282	0.0	W	W	2.264	0.4	2.201	0.2	2.560	0.4
No. 2 distillate	2.102	12.3	2.038	12.8	2.388	13.3	1.954	163.9	1.862	173.0	2.280	161.0
No. 2 fuel oil	2.200	0.1	2.155	0.1	2.612	0.0	1.901	4.1	1.795	7.2	2.214	4.7
No. 2 diesel fuel	2.101	12.2	2.037	12.8	2.388	13.3	1.955	159.7	1.865	165.8	2.282	156.3
Ultra low sulfur	2.106	11.9	2.041	12.3	2.397	12.7	1.955	158.2	1.865	164.1	2.284	153.0
Low sulfur	W	W	W	W	W	W	-	-	W	W	W	W
High sulfur	W	W	W	W	W	W	1.963	1.5	W	W	W	W
No. 4 fuel[a]	-	-	-	-	-	-	W	W	W	W	W	W
Residential fuel oil	1.560	3.2	1.466	2.6	1.761	3.6	1.337	7.5	1.247	8.4	1.560	7.8
Sulfur content not > 1%	W	W	W	W	W	W	W	W	1.331	1.0	1.520	0.2
Sulfur content > 1%	1.511	W	1.345	W	1.696	W	1.326	W	1.235	7.3	1.561	7.6

NA = Not available.

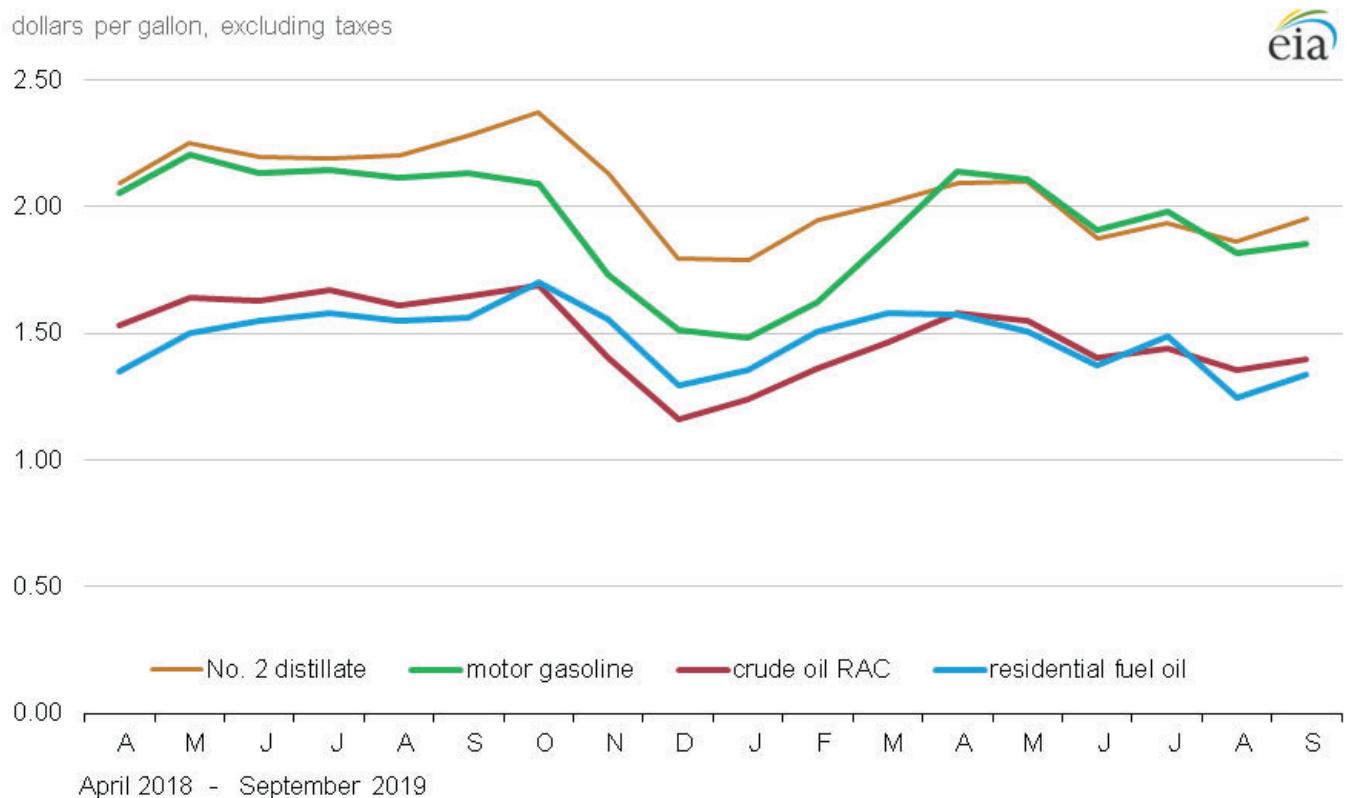
- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - In January 2007, ultra low-sulfur diesel fuel was added. - All on-highway diesel must be ultra low-sulfur as of December 1, 2010 - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Total volumes may not equal the sum of the components because of rounding.

Source: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure HL1. Crude oil and petroleum product wholesale prices

Sources: U.S. Energy Information Administration, Crude oil refiner acquisition cost: Form EIA-14, *Refiners' Monthly Cost Report*; petroleum product prices: Form EIA-782A, *Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Note: RAC stands for refiner acquisition cost.

Summary Statistics

Table 1. Crude oil prices

dollars per barrel

Year month	Domestic first purchase prices	Average F.O.B.[a] cost of crude oil imports[b]	Average landed cost of crude oil imports[b]	Refiner acquisition cost of crude oil		
				Domestic	Imported	Composite
1997 average	17.23	16.94	18.11	19.61	18.53	19.04
1998 average	10.87	10.76	11.84	13.18	12.04	12.52
1999 average	15.56	16.47	17.23	17.90	17.26	17.51
2000 average	26.72	26.27	27.53	29.11	27.70	28.26
2001 average	21.84	20.46	21.82	24.33	22.00	22.95
2002 average	22.51	22.63	23.91	24.65	23.71	24.10
2003 average	27.56	25.86	27.69	29.82	27.71	28.53
2004 average	36.77	33.75	36.07	38.97	35.90	36.98
2005 average	50.28	47.60	49.29	52.94	48.86	50.24
2006 average	59.69	57.03	59.11	62.62	59.02	60.24
2007 average	66.52	66.36	67.97	69.65	67.04	67.94
2008 average	94.04	90.32	93.33	98.47	92.77	94.74
2009 average	56.35	57.78	60.23	59.49	59.17	59.29
2010 average	74.71	74.19	76.50	78.01	75.86	76.69
2011 average	95.73	101.66	102.92	100.71	102.63	101.87
2012 average	94.52	99.78	101.00	100.72	101.09	100.93
2013 average	95.99	96.56	96.99	102.91	98.11	100.49
2014 average	87.39	85.65	88.16	94.05	89.56	92.02
2015 average	44.39	41.91	45.38	49.94	46.38	48.39
2016 average	38.29	36.37	38.56	42.41	38.75	40.66
2017 average	48.05	45.58	48.50	52.05	49.12	50.68
2018						
January	62.25	55.73	58.25	66.08	59.71	63.25
February	61.18	53.42	56.76	64.68	58.03	61.74
March	60.68	53.35	56.32	64.03	56.82	60.81
April	63.50	58.56	60.62	67.14	61.24	64.41
May	66.16	62.95	65.15	71.29	65.89	68.91
June	62.80	63.09	65.48	69.63	66.82	68.35
July	67.00	62.35	65.44	73.33	66.62	70.29
August	62.64	61.41	64.16	69.45	65.48	67.68
September	63.54	61.56	63.69	71.09	66.70	69.29
October	65.18	60.23	61.78	73.07	67.79	70.99
November	55.65	44.66	47.16	62.47	54.40	59.01
December	47.63	36.91	39.14	53.25	42.80	48.83
2018 average	61.40	56.31	58.89	67.05	60.95	64.38
2019						
January	47.85	48.72	49.25	53.86	49.57	52.11
February	52.51	54.14	56.12	57.89	56.50	57.35
March	57.47	57.54	59.48	61.97	61.14	61.64
April	63.01	61.31	63.62	67.24	65.42	66.52
May	59.68	60.70	63.69	65.17	65.03	65.11
June	54.22	54.50	57.40	59.81	58.16	59.16
July	56.47	R54.51	R56.97	61.47	59.18	60.53
August	53.63	R51.88	R54.73	R57.88	R55.41	R56.90
September	55.07	52.62	54.85	R59.38	R57.34	R58.60
October	NA	NA	NA	E57.75	E53.80	E56.04

NA = Not available.

E = Estimated data.

R = Revised data.

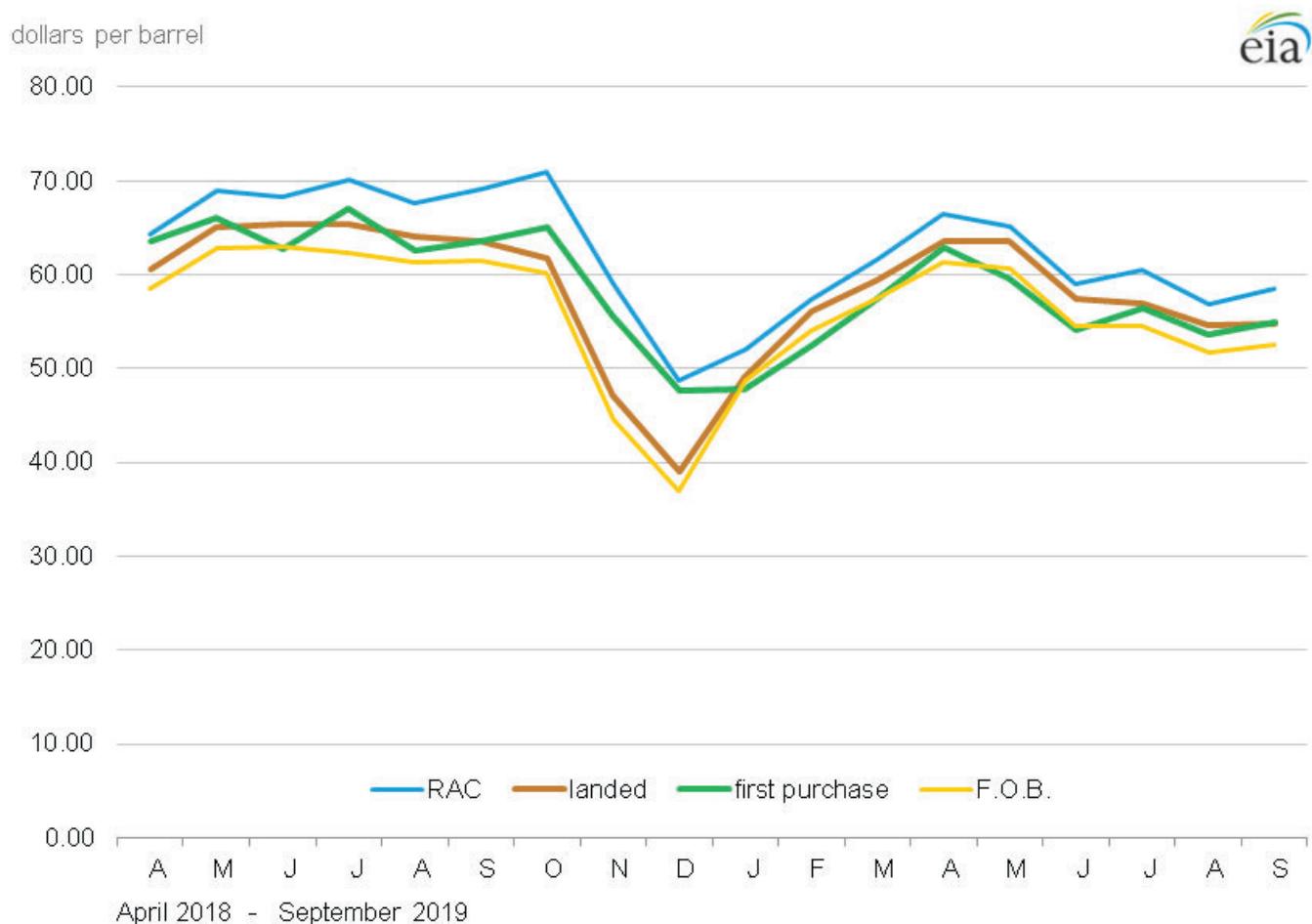
[a] Free on Board. See Glossary.

[b] Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section.

[c] Data are initial estimates calculated using regression models based on past and present values, spot prices, and other internally computed data. For an explanation of estimation methodology, see the Preface.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values for Domestic First Purchase Price and Refiner Acquisition Cost for the current two months, and for average F.O.B. and average landed costs, for the current three months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: Domestic first purchase prices -- See source from Table 18. Crude oil imports costs -- See Sources from Table 21. Refiner acquisition costs -- U.S. Energy Information Administration, Form EIA-14, *Refiners' Monthly Cost Report*.

Figure 1. Crude oil prices

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*; and Form EIA-14, *Refiners' Monthly Cost Report*.
Note: RAC stands for refiner acquisition cost.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts
dollars per barrel

Year month	United States			PAD District 1			PAD District 2		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	38.97	35.90	36.98	40.75	38.29	38.34	40.80	35.63	38.38
2005	52.94	48.86	50.24	56.89	53.29	53.35	54.57	46.11	50.75
2006	62.62	59.02	60.24	66.92	63.53	63.60	63.66	55.19	59.70
2007	69.65	67.04	67.94	70.62	72.48	72.44	71.10	62.17	66.90
2008	98.47	92.77	94.74	100.30	96.90	96.97	100.98	88.45	94.93
2009	59.49	59.17	59.29	59.64	61.68	61.63	60.00	57.00	58.64
2010	78.01	75.86	76.69	75.90	80.03	79.91	78.85	72.24	75.92
2011	100.71	102.63	101.87	98.88	111.53	111.01	96.81	89.15	93.18
2012	100.72	101.09	100.93	104.45	112.27	111.50	95.04	83.90	89.44
2013	102.91	98.11	100.49	106.98	106.74	106.80	100.63	85.43	93.26
2014	94.05	89.56	92.02	96.95	96.51	96.70	93.08	81.66	87.51
2015	49.94	46.38	48.39	52.60	50.40	51.37	49.33	42.70	46.13
2016	42.41	38.75	40.66	44.58	42.54	43.00	43.76	36.19	39.95
2017	52.05	49.12	50.68	56.98	53.46	53.87	52.03	45.21	48.63
2018									
January	66.08	59.71	63.25	66.24	65.97	66.01	65.21	51.67	58.61
February	64.68	58.03	61.74	66.09	64.96	65.16	63.69	48.42	56.43
March	64.03	56.82	60.81	66.71	65.31	65.63	64.24	47.11	56.27
April	67.14	61.24	64.41	69.95	70.27	70.21	67.21	50.98	59.12
May	71.29	65.89	68.91	71.37	72.17	72.00	71.04	58.27	64.64
June	69.63	66.82	68.35	71.35	72.91	72.62	68.42	59.23	64.08
July	73.33	66.62	70.29	72.72	71.71	71.90	73.40	60.98	67.41
August	69.45	65.48	67.68	72.07	72.03	72.04	69.20	58.09	64.13
September	71.09	66.70	69.29	73.74	75.40	74.83	70.14	54.36	63.22
October	73.07	67.79	70.99	75.33	75.36	75.35	71.74	52.76	63.58
November	62.47	54.40	59.01	69.43	69.13	69.18	57.01	38.34	47.16
December	53.25	42.80	48.83	60.15	61.46	61.18	47.52	19.78	33.41
2018	67.05	60.95	64.38	69.71	69.63	69.64	65.69	49.35	57.85
2019									
January	53.86	49.57	52.11	59.24	59.65	59.58	50.20	38.63	44.40
February	57.89	56.50	57.35	62.66	65.08	64.48	54.36	49.88	52.16
March	61.97	61.14	61.64	66.20	69.27	68.49	60.10	54.19	56.89
April	67.24	65.42	66.52	70.56	69.84	70.01	65.83	59.64	62.84
May	65.17	65.03	65.11	67.35	70.86	70.05	61.64	59.17	60.38
June	59.81	58.16	59.16	63.72	65.04	64.77	55.27	50.30	52.75
July	61.47	59.18	60.53	65.28	65.31	65.31	59.51	51.52	55.64
August	R57.88	R55.41	R56.90	R61.99	R61.37	R61.54	R55.69	R50.09	52.79
September	R59.38	R57.34	R58.60	62.45	63.48	63.18	58.61	51.90	55.55

See footnotes at end of table.

Table 1A. Refiner acquisition cost of crude oil by PAD Districts (cont.)
dollars per barrel

Year month	PAD District 3			PAD District 4			PAD District 5		
	Domestic	Imported	Composite	Domestic	Imported	Composite	Domestic	Imported	Composite
2004	39.28	34.79	35.87	39.98	35.93	37.81	36.81	38.20	37.30
2005	53.17	47.77	48.99	53.50	48.54	50.89	50.61	50.77	50.67
2006	63.17	58.34	59.54	60.80	56.17	58.45	60.90	61.44	61.15
2007	70.58	66.34	67.48	65.79	60.81	63.43	67.47	69.42	68.34
2008	100.39	91.86	94.11	91.49	88.56	90.12	94.53	96.30	95.35
2009	60.61	59.21	59.64	56.30	56.53	56.39	57.79	60.07	58.78
2010	78.73	75.67	76.65	73.56	70.77	72.37	76.56	78.23	77.34
2011	103.24	104.78	104.24	89.34	84.87	87.61	103.83	105.68	104.73
2012	104.32	105.18	104.83	86.83	80.80	84.63	103.03	106.43	104.69
2013	104.64	101.42	103.02	88.96	80.75	85.21	103.82	105.12	104.40
2014	94.67	90.84	93.06	84.63	78.73	81.93	94.45	96.13	95.22
2015	50.16	46.49	48.75	44.77	39.73	42.28	50.30	50.91	50.59
2016	41.97	38.22	40.42	41.48	34.49	38.11	42.10	42.21	42.16
2017	51.74	49.12	50.73	50.43	43.05	47.19	53.44	52.77	53.08
2018									
January	65.99	61.79	64.45	63.61	47.53	56.04	68.59	66.20	67.46
February	64.83	60.66	63.32	60.99	43.15	53.36	66.70	64.52	65.59
March	63.43	58.65	61.64	61.80	42.31	53.23	66.74	64.38	65.42
April	66.59	63.43	65.39	64.52	45.53	56.14	69.83	67.99	68.89
May	70.66	67.10	69.43	68.37	54.97	63.01	75.61	73.53	74.52
June	69.28	67.69	68.68	65.51	56.58	61.50	74.61	73.54	74.02
July	73.45	67.85	71.35	68.41	57.79	63.60	74.24	70.45	72.15
August	68.89	65.76	67.77	66.53	56.09	61.96	73.81	72.11	72.81
September	70.43	70.22	70.36	69.26	47.21	59.67	76.05	74.91	75.47
October	72.85	72.38	72.71	67.91	52.13	59.81	77.82	76.85	77.31
November	63.26	60.90	62.54	52.37	34.08	42.36	69.68	66.88	68.31
December	54.32	51.89	53.60	44.09	22.24	33.15	58.83	56.42	57.58
2018	66.94	64.10	65.95	62.87	45.87	55.01	70.82	68.91	69.81
2019									
January	54.23	52.79	53.85	48.67	37.65	43.36	59.23	58.48	58.84
February	58.05	58.13	58.07	53.64	49.23	51.74	64.13	62.21	63.17
March	61.62	62.29	61.79	56.86	53.58	55.48	67.19	67.86	67.52
April	67.32	66.85	67.19	59.92	58.45	59.24	71.38	71.52	71.45
May	65.72	65.84	65.76	59.64	58.17	58.94	69.37	70.73	70.07
June	60.74	61.60	60.95	52.89	49.11	51.00	63.95	63.82	63.88
July	61.75	61.43	61.66	55.97	50.68	53.44	64.82	65.00	64.92
August	R58.10	R55.29	57.40	53.46	R48.89	R51.36	R61.30	R62.22	R61.83
September	59.33	58.24	59.05	54.02	50.15	52.26	62.49	63.07	62.80

R = Revised data.

Notes: United States is defined as the 50 states, the District of Columbia, Puerto Rico, the Virgin Islands, and all American territories and possessions. Values reflect the PAD District in which the crude oil is intended to be refined. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-14, *Refiners' Monthly Cost Report*, January 2004 to present.

Table 2. U.S. refiner prices of petroleum products to end users
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.738	0.957	0.534	0.530	0.660	0.640	0.554	0.572	0.556	0.501	0.352	
1995	0.765	1.005	0.540	0.492	0.589	0.620	0.560	0.562	0.560	0.505	0.392	
1996	0.847	1.116	0.651	0.605	0.740	0.726	0.681	0.673	0.680	0.603	0.455	
1997	0.839	1.128	0.613	0.552	0.745	0.689	0.642	0.636	0.642	0.565	0.423	
1998	0.673	0.975	0.452	0.405	0.501	0.551	0.494	0.482	0.492	0.428	0.305	
1999	0.781	1.059	0.543	0.458	0.605	0.621	0.584	0.558	0.580	0.474	0.374	
2000	1.106	1.306	0.899	0.603	1.123	0.988	0.935	0.927	0.934	0.769	0.602	
2001	1.032	1.323	0.775	0.506	1.045	0.902	0.842	0.829	0.840	0.679	0.531	
2002	0.947	1.288	0.721	0.419	0.990	0.828	0.762	0.737	0.759	0.657	0.569	
2003	1.156	1.493	0.872	0.577	1.224	1.017	0.944	0.933	0.942	0.856	0.698	
2004	1.435	1.819	1.207	0.839	1.160	1.262	1.243	1.173	1.235	1.017	0.739	
2005	1.829	2.231	1.735	1.089	1.957	1.832	1.786	1.705	1.777	W	1.048	
2006	2.128	2.682	1.998	1.358	2.244	2.137	2.096	1.982	2.091	W	1.218	
2007	2.345	2.849	2.165	1.489	2.263	2.286	2.267	2.241	2.266	W	1.374	
2008	2.775	3.273	3.052	1.892	3.283	2.983	3.150	2.986	3.143	W	1.964	
2009	1.888	2.442	1.704	1.220	2.675	2.141	1.834	1.962	1.840	W	1.341	
2010	2.301	3.028	2.201	1.481	3.063	2.705	2.314	2.462	2.318	W	1.713	
2011	3.050	3.803	3.054	1.709	3.616	3.467	3.117	3.193	3.119	W	2.401	
2012	3.154	3.971	3.104	1.139	3.843	3.580	3.202	3.358	3.206	W	2.592	
2013	3.049	3.932	2.979	1.028	3.842	3.483	3.122	3.335	3.126	W	2.482	
2014	2.855	3.986	2.772	1.097	W	3.117	2.923	3.329	2.924	W	2.325	
2015	2.003	W	1.629	0.481	W	1.822	1.819	2.016	1.821	W	1.285	
2016	1.730	W	1.319	0.498	W	1.702	1.511	1.716	1.512	W	0.945	
2017	1.976	W	1.629	0.772	W	2.230	1.811	2.010	1.813	W	1.287	
2018												
January	2.108	W	2.012	0.971	W	2.506	2.144	2.206	2.145	-	1.507	
February	2.127	W	1.970	0.948	W	2.510	2.107	2.365	2.110	-	1.490	
March	2.160	W	1.924	0.842	W	2.566	2.076	2.484	2.078	-	1.452	
April	2.315	W	2.080	0.839	W	W	2.201	2.486	2.202	-	1.504	
May	2.494	W	2.221	0.916	3.219	W	2.368	2.478	2.368	-	1.667	
June	2.469	W	2.196	0.883	3.292	W	2.340	2.413	2.341	-	1.731	
July	2.442	W	2.176	0.956	W	W	2.316	2.436	2.316	-	1.767	
August	2.421	W	2.183	0.989	3.272	W	2.327	2.499	2.327	-	1.764	
September	2.428	W	2.257	1.062	3.189	W	2.388	2.612	2.388	-	1.761	
October	2.441	W	2.349	0.988	W	2.850	2.500	2.696	2.501	-	1.875	
November	2.205	W	2.162	0.876	W	2.719	2.282	2.431	2.284	-	1.827	
December	1.973	W	1.852	0.794	W	2.397	1.981	2.222	1.983	-	1.608	
2018	2.303	W	2.119	0.925	3.113	2.600	2.256	2.380	2.257	-	1.662	
2019												
January	1.854	W	1.827	0.756	W	2.323	1.960	2.195	1.962	-	1.425	
February	1.949	W	1.956	0.784	W	2.401	2.080	2.367	2.082	-	1.568	
March	2.137	W	2.005	0.761	W	2.503	2.158	2.376	2.159	-	1.639	
April	2.487	W	2.063	0.686	W	2.563	2.259	2.461	2.260	-	1.685	
May	2.520	W	2.141	0.599	W	NA	2.272	2.389	2.272	-	1.635	
June	2.366	W	1.907	0.464	3.312	2.209	2.078	2.156	2.079	-	1.601	
July	2.375	W	1.973	0.487	3.260	2.352	2.100	2.206	2.101	-	1.625	
August	2.252	W	1.901	0.461	W	2.282	2.037	2.155	2.038	-	1.466	
September	2.241	W	1.937	0.473	3.203	2.348	2.101	2.200	2.102	-	1.560	

NA = Not available.

- = No data reported.

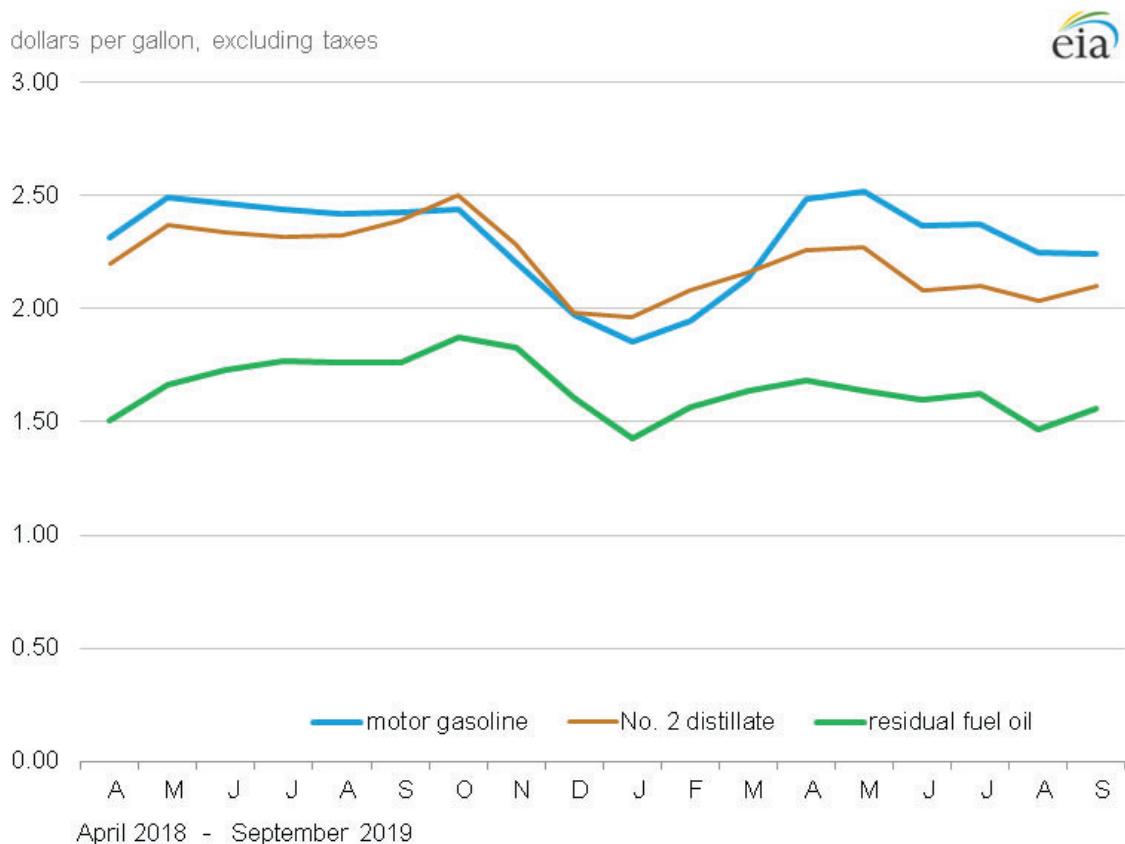
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 2. U.S. refiner retail petroleum product prices

Sources: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Sales Report*.

Table 3. U.S. refiner volumes of petroleum products to end users
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil	Average			
1994	55.0	0.2	45.2	2.2	0.4	0.4	21.3	3.4	24.6	0.8	13.5	
1995	55.9	0.2	45.7	3.2	0.6	0.3	21.6	3.3	24.9	0.5	11.6	
1996	57.5	0.2	48.7	3.1	0.4	0.3	21.9	3.1	25.0	0.4	12.9	
1997	61.1	0.2	49.7	3.2	0.3	0.4	22.0	3.0	25.0	0.3	13.4	
1998	63.3	0.2	48.9	3.1	0.4	0.4	21.1	3.2	24.3	0.3	14.4	
1999	62.0	0.1	47.0	3.6	0.2	0.3	21.1	3.0	24.1	0.3	13.9	
2000	60.9	0.2	49.3	2.9	0.2	0.3	22.6	2.8	25.4	0.3	13.1	
2001	62.0	0.1	49.7	3.6	0.2	0.3	22.9	3.0	26.0	0.4	14.8	
2002	63.6	0.1	49.1	2.6	0.1	0.3	19.6	3.0	22.6	0.4	10.4	
2003	63.8	0.1	44.0	2.5	0.1	0.3	16.7	2.7	19.5	0.3	10.7	
2004	58.4	0.1	46.4	2.7	0.5	0.2	16.9	2.4	19.3	0.3	10.2	
2005	59.0	0.1	45.2	3.2	0.1	0.3	17.0	2.1	19.1	W	10.4	
2006	60.0	0.1	42.1	2.7	0.1	0.2	24.2	1.2	25.4	W	10.4	
2007	57.7	0.1	40.1	3.3	0.1	0.2	23.6	0.8	24.3	W	10.9	
2008	55.1	0.1	39.9	2.7	NA	0.1	19.9	0.9	20.8	W	8.4	
2009	49.8	0.2	38.0	3.7	NA	0.1	16.9	0.9	17.8	W	8.5	
2010	44.7	0.1	34.8	3.9	0.0	0.1	15.3	0.4	15.8	W	7.6	
2011	39.0	0.1	33.3	4.5	0.0	0.1	13.4	0.4	13.8	W	6.4	
2012	29.7	0.1	32.5	5.6	0.0	0.1	12.2	0.3	12.5	W	5.5	
2013	24.7	0.0	31.4	5.3	0.0	0.1	11.5	0.2	11.7	W	5.2	
2014	21.6	0.0	31.3	4.9	W	0.1	11.9	0.1	11.9	W	4.6	
2015	25.5	W	33.4	5.6	W	0.1	12.6	0.1	12.7	W	4.0	
2016	25.6	W	31.2	6.1	W	0.1	12.6	0.1	12.7	W	4.2	
2018												
January	22.5	W	29.1	3.5	W	0.1	11.7	0.3	12.0	-	3.7	
February	23.4	W	27.8	3.2	W	0.1	11.8	0.1	12.0	-	3.6	
March	24.1	W	31.7	3.4	W	0.1	12.7	0.1	12.8	-	3.6	
April	23.8	W	29.9	4.3	W	W	13.0	0.0	13.0	-	3.5	
May	24.3	W	32.0	3.0	0.0	W	12.2	0.1	12.3	-	3.2	
June	25.1	W	31.3	3.3	0.0	W	11.5	0.1	11.6	-	3.0	
July	24.6	W	33.2	3.1	W	W	12.4	0.1	12.4	-	3.5	
August	25.4	W	33.3	4.4	0.0	W	13.4	0.0	13.4	-	3.2	
September	24.4	W	32.2	3.7	0.0	W	13.3	0.0	13.3	-	3.6	
October	24.7	W	32.1	4.2	W	0.1	13.3	0.1	13.4	-	3.8	
November	24.6	W	30.9	3.7	W	0.1	13.1	0.2	13.3	-	3.4	
December	24.2	W	32.2	2.9	W	0.1	12.5	0.1	12.6	-	3.5	
2018	24.3	W	31.3	3.6	0.0	0.1	12.6	0.1	12.7	-	3.5	
2019												
January	23.2	W	29.3	3.5	W	0.1	12.5	0.1	12.6	-	2.8	
February	23.6	W	28.9	3.2	W	0.1	12.4	0.1	12.5	-	2.3	
March	24.3	W	30.5	2.3	W	0.1	11.8	0.1	11.8	-	2.2	
April	24.1	W	32.3	2.3	W	0.1	11.7	0.1	11.8	-	2.4	
May	24.7	W	31.7	2.8	W	0.1	12.1	0.1	12.1	-	2.0	
June	24.9	W	32.9	2.9	0.0	0.0	11.9	0.1	12.0	-	3.3	
July	24.8	W	33.9	2.1	0.0	0.0	12.5	0.0	12.6	-	2.8	
August	25.9	W	31.9	2.5	W	0.0	12.8	0.1	12.8	-	2.6	
September	24.1	W	32.1	3.4	0.0	0.1	12.2	0.1	12.3	-	3.2	

NA = Not available.

- = No data reported.

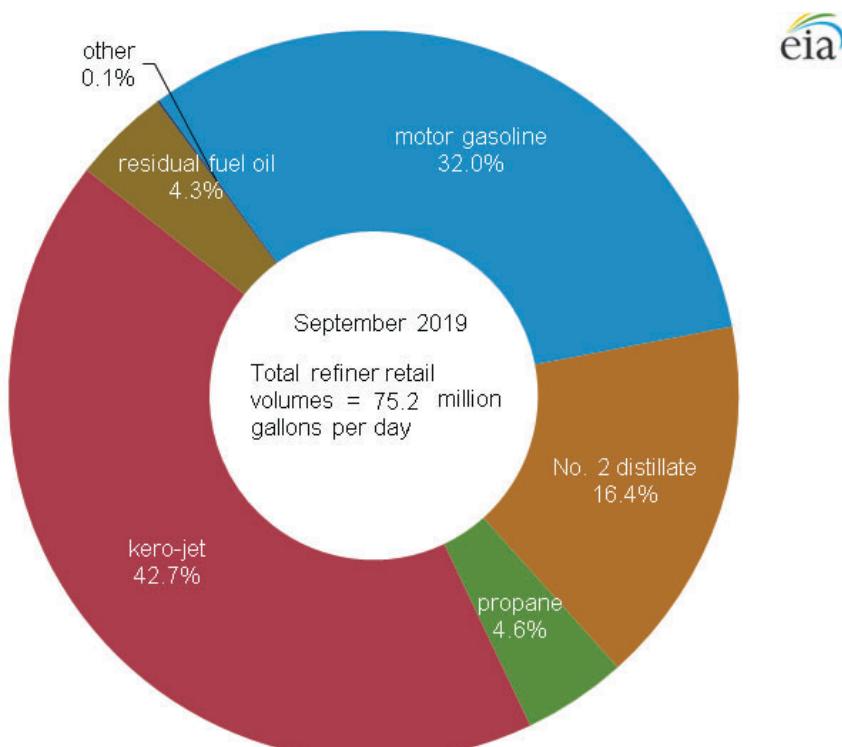
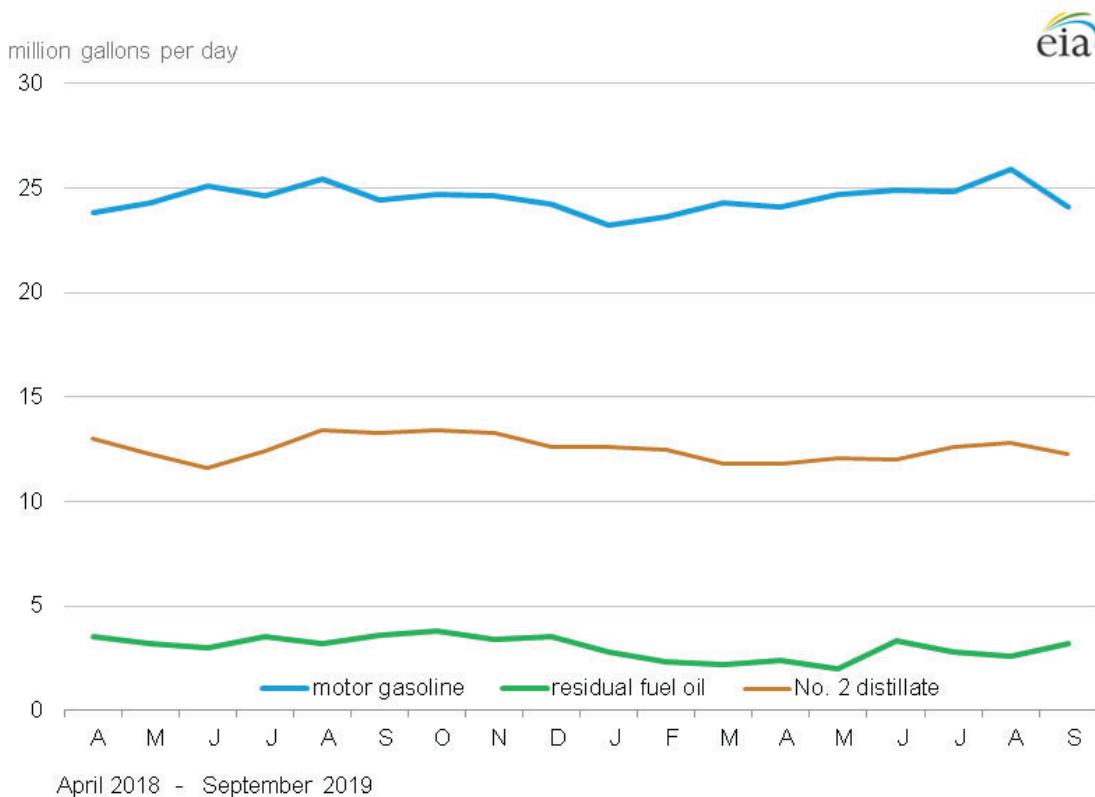
W = Withheld to avoid disclosure of individual company data.

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[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 3. U.S. refiner retail petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 4. U.S. refiner prices of petroleum products for resale
dollars per gallon, excluding taxes

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	0.599	0.933	0.534	0.324	0.618	0.615	0.529	0.506	0.522	0.462	0.317	
1995	0.626	0.975	0.539	0.344	0.580	0.625	0.538	0.511	0.530	0.463	0.363	
1996	0.713	1.055	0.646	0.461	0.714	0.751	0.659	0.639	0.653	0.603	0.420	
1997	0.70	1.065	0.613	0.416	0.653	0.723	0.606	0.590	0.602	0.551	0.387	
1998	0.526	0.912	0.450	0.288	0.465	0.513	0.444	0.422	0.439	0.383	0.280	
1999	0.645	1.007	0.533	0.342	0.550	0.634	0.546	0.493	0.536	0.430	0.354	
2000	0.963	1.330	0.880	0.595	0.969	1.019	0.898	0.886	0.896	0.778	0.566	
2001	0.886	1.256	0.763	0.540	0.821	0.883	0.784	0.756	0.779	0.697	0.476	
2002	0.828	1.146	0.716	0.431	0.752	0.805	0.724	0.694	0.718	0.663	0.530	
2003	1.002	1.288	0.871	0.607	0.955	1.033	0.883	0.881	0.882	0.793	0.661	
2004	1.288	1.627	1.208	0.751	1.271	1.289	1.187	1.125	1.178	1.033	0.681	
2005	1.670	2.076	1.723	0.933	1.757	1.801	1.737	1.623	1.720	1.377	0.971	
2006	1.969	2.490	1.961	1.031	2.007	2.044	2.012	1.834	1.991	1.395	1.136	
2007	2.182	2.758	2.171	1.194	2.249	2.430	2.203	2.072	2.190	1.551	1.350	
2008	2.586	3.342	3.020	1.437	2.851	2.712	2.994	2.745	2.970	2.157	1.866	
2009	1.767	2.480	1.719	0.921	1.844	2.050	1.713	1.657	1.707	1.561	1.342	
2010	2.165	2.874	2.185	1.212	2.299	2.573	2.214	2.147	2.208	W	1.697	
2011	2.867	3.739	3.014	1.467	3.065	3.223	3.034	2.907	3.025	2.801	2.336	
2012	2.929	3.919	3.080	1.033	3.163	3.349	3.109	3.031	3.103	W	2.457	
2013	2.812	3.869	2.953	1.048	3.084	3.340	3.028	2.966	3.025	2.767	2.278	
2014	2.618	3.687	2.763	1.165	2.882	3.213	2.812	2.741	2.809	2.333	2.044	
2015	1.726	2.764	1.592	0.555	1.735	1.957	1.667	1.565	1.663	1.215	0.996	
2016	1.454	2.404	1.295	0.523	1.383	1.589	1.378	1.239	1.370	0.956	0.745	
2017	1.689	2.682	1.603	0.800	1.730	2.093	1.691	1.600	1.686	W	1.116	
2018												
January	1.849	2.900	1.969	0.990	2.209	2.430	2.042	1.990	2.036	W	1.310	
February	1.823	2.893	1.911	0.889	2.088	2.295	1.972	1.889	1.966	W	1.319	
March	1.889	2.904	1.893	0.827	1.969	2.209	1.952	1.848	1.946	W	1.302	
April	2.054	3.085	2.032	0.792	2.075	2.414	2.099	1.982	2.093	W	1.348	
May	2.205	3.181	2.175	0.867	2.205	2.606	2.258	2.143	2.254	W	1.500	
June	2.135	3.138	2.152	0.807	2.145	2.544	2.203	2.089	2.200	W	1.553	
July	2.148	3.111	2.140	0.854	2.133	2.489	2.192	2.079	2.189	W	1.581	
August	2.118	3.085	2.148	0.907	2.169	2.485	2.203	2.114	2.201	W	1.549	
September	2.136	3.124	2.214	0.951	2.246	2.560	2.282	2.214	2.280	W	1.560	
October	2.090	3.099	2.296	0.948	2.437	2.665	2.379	2.281	2.373	W	1.700	
November	1.732	2.762	2.100	0.826	2.206	2.449	2.130	2.098	2.128	W	1.556	
December	1.514	2.463	1.811	0.798	1.954	2.175	1.794	1.796	1.794	W	1.293	
2018	1.980	3.006	2.073	0.877	2.160	2.380	2.130	2.002	2.123	W	1.463	
2019												
January	1.483	2.394	1.822	0.775	2.021	2.127	1.789	1.813	1.791	W	1.357	
February	1.624	2.527	1.925	0.772	2.111	2.246	1.950	1.907	1.946	W	1.508	
March	1.881	2.874	1.960	0.754	2.087	2.389	2.020	1.958	2.015	W	1.581	
April	2.138	3.100	2.022	0.660	2.073	2.343	2.100	1.993	2.095	W	1.577	
May	2.110	3.021	2.061	0.595	2.057	2.458	2.106	1.989	2.102	W	1.505	
June	1.909	2.841	1.879	0.493	1.914	2.203	1.874	1.824	1.873	W	1.372	
July	1.984	2.988	1.938	0.478	1.969	2.260	1.938	1.847	1.935	W	1.489	
August	1.820	2.854	1.864	R0.458	1.861	2.201	1.865	R1.795	1.862	W	1.247	
September	1.854	2.829	1.898	0.477	1.984	2.264	1.955	1.901	1.954	W	1.337	

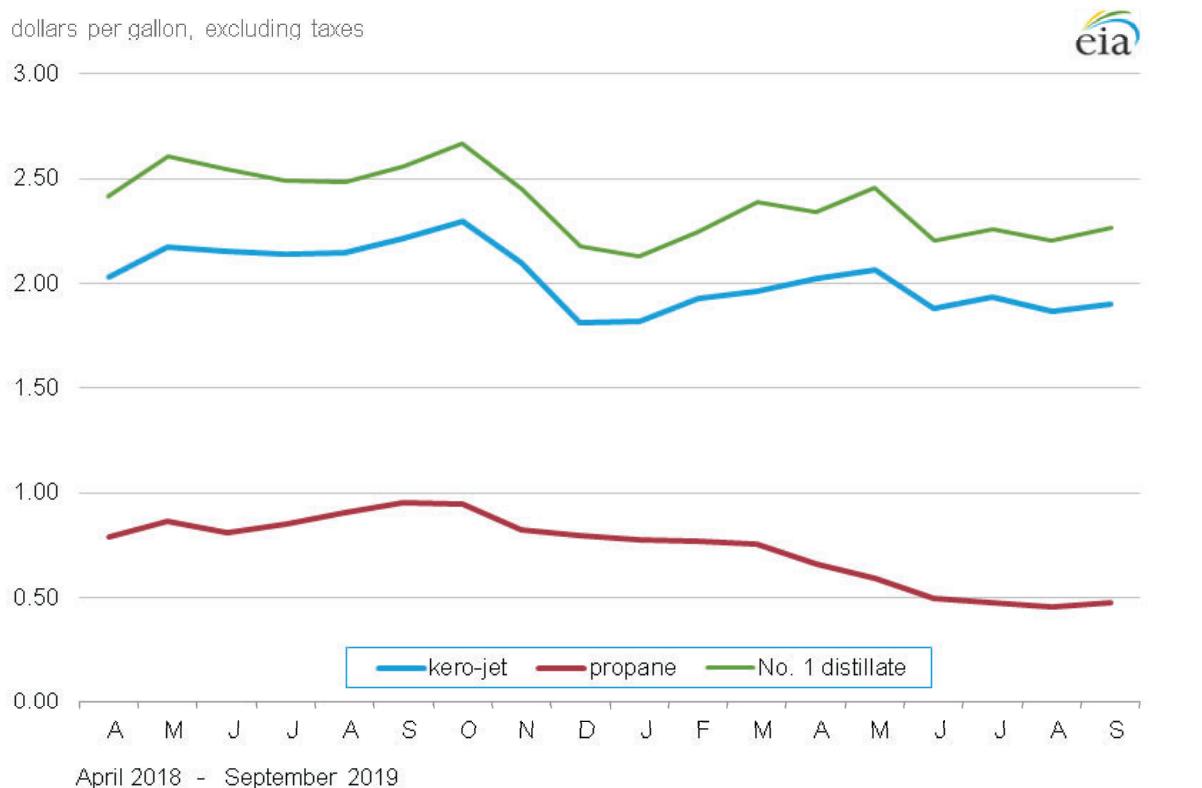
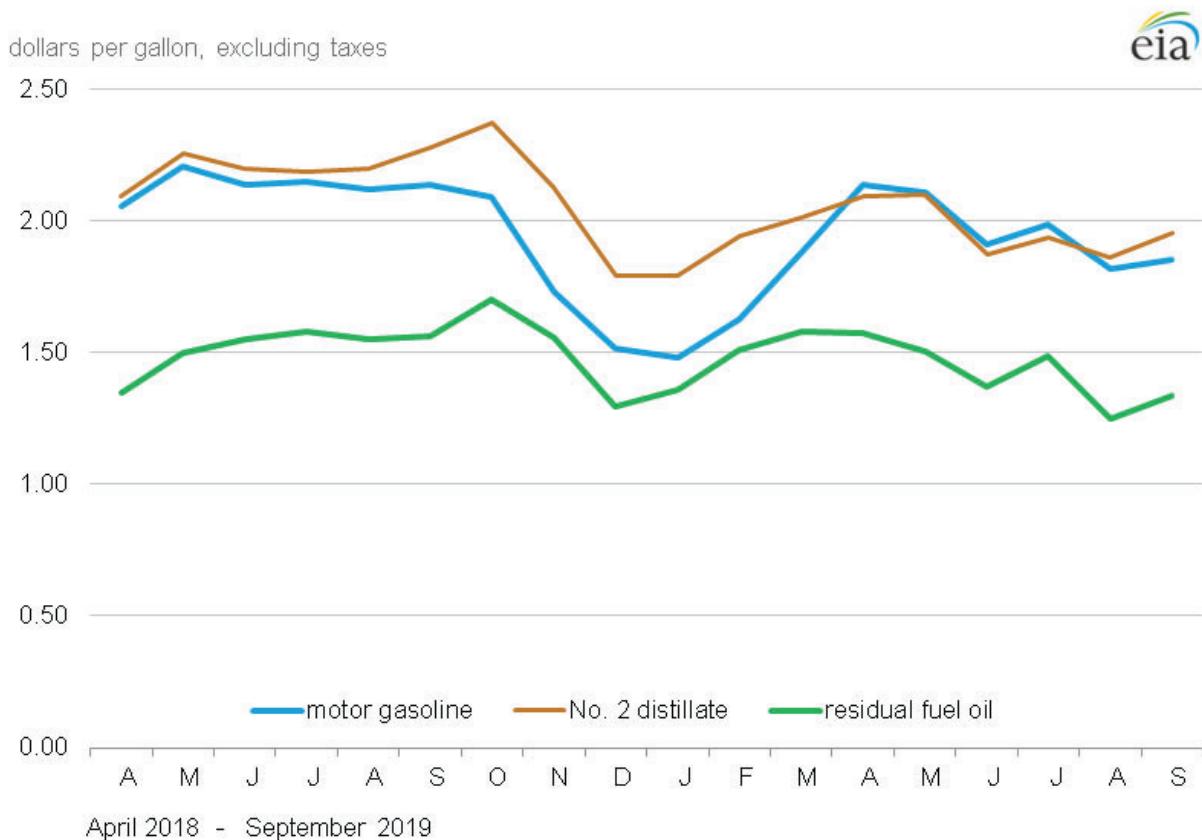
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: - Motor gasoline averages and totals before October 1993 include leaded gasoline. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 4. U.S. refiner wholesale petroleum product prices

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 5. U.S. refiner volumes of petroleum sales for resale
million gallons per day

Year month	Motor gasoline	Aviation gasoline	Kerosene type jet fuel	Propane (consumer grade)	Kerosene	No. 1 distillate	No. 2 distillate			Average	No. 4 fuel[a]	Residual fuel oil
							No. 2 diesel fuel	No. 2 fuel oil				
1994	276.7	0.7	9.1	28.4	2.5	1.9	72.4	32.9	105.3	0.4	12.8	
1995	288.8	0.6	9.9	30.6	2.4	1.7	75.9	31.0	106.9	0.3	13.6	
1996	293.6	0.6	11.5	32.9	2.7	1.8	83.7	33.1	116.8	0.3	13.8	
1997	292.7	0.6	11.3	32.2	2.5	1.6	88.7	31.2	119.9	0.2	11.5	
1998	300.4	0.6	12.2	32.7	2.2	1.4	91.9	27.3	119.2	0.1	15.4	
1999	306.9	0.7	15.2	33.6	2.4	1.7	95.5	24.3	119.9	0.2	11.5	
2000	304.4	0.6	15.7	34.8	2.3	1.5	98.8	23.3	122.1	0.2	10.5	
2001	305.2	0.6	14.3	35.0	2.2	1.4	101.3	25.2	126.4	0.1	10.3	
2002	311.8	0.6	12.1	32.9	2.0	1.3	100.8	23.6	124.4	0.1	8.8	
2003	311.6	0.5	12.2	36.5	2.3	1.2	108.9	20.9	129.8	0.1	6.7	
2004	316.4	0.6	12.7	40.3	2.1	1.3	116.5	19.6	136.1	NA	5.9	
2005	321.8	0.5	15.2	35.1	2.0	1.4	118.7	20.6	139.3	NA	4.7	
2006	315.6	0.5	15.2	39.4	1.4	1.3	123.2	16.7	139.9	0.3	6.5	
2007	319.8	0.5	16.6	41.7	1.4	0.9	135.3	14.5	149.8	0.3	8.2	
2008	306.4	0.4	16.5	34.2	1.0	1.0	138.7	14.9	153.6	0.2	9.5	
2009	307.4	0.4	15.2	31.8	1.3	1.0	128.0	15.1	143.1	0.1	9.8	
2010	312.0	0.4	20.3	28.3	1.4	0.9	135.5	11.5	147.0	W	10.7	
2011	296.3	0.4	23.0	28.6	1.2	1.0	134.6	10.7	145.3	0.1	12.2	
2012	294.7	0.4	23.5	27.6	1.2	0.8	136.9	10.7	147.6	W	8.8	
2013	291.0	0.4	26.4	34.9	1.3	1.0	142.9	7.7	150.6	0.1	9.0	
2014	289.2	0.4	27.5	32.9	1.4	1.4	146.3	7.0	153.3	0.1	8.0	
2015	298.7	0.4	28.6	31.6	1.2	1.2	146.5	6.7	153.2	0.2	8.1	
2016	303.8	0.4	30.3	32.4	1.2	1.0	138.3	8.2	146.5	0.1	8.4	
2017	301.5	0.4	38.1	28.9	1.0	1.0	146.5	8.5	155.0	W	7.1	
2018												
January	283.1	0.3	41.1	46.8	2.3	3.2	145.8	17.5	163.4	W	8.9	
February	296.0	0.3	41.4	39.3	1.5	2.5	144.5	12.6	157.1	W	7.7	
March	306.3	0.4	38.3	31.4	1.0	1.1	148.8	9.5	158.3	W	7.4	
April	306.9	0.5	40.0	24.4	0.8	0.4	156.2	9.0	165.3	W	7.0	
May	318.4	0.5	41.8	20.9	0.8	0.1	159.3	5.3	164.7	W	8.4	
June	319.5	0.5	44.1	18.9	0.9	0.1	160.4	4.2	164.7	W	8.1	
July	312.1	0.6	42.7	19.3	0.8	0.1	154.1	3.8	158.0	W	7.3	
August	314.5	0.5	43.3	21.9	1.2	0.2	159.4	3.3	162.7	W	7.6	
September	305.4	0.4	40.2	20.8	1.8	0.4	156.3	4.7	161.0	W	7.8	
October	306.2	0.5	37.9	28.5	1.0	1.2	161.2	9.7	170.9	W	7.3	
November	301.8	0.3	38.1	33.6	1.4	2.7	155.3	12.9	168.1	W	6.7	
December	293.9	0.4	37.2	36.1	1.4	2.4	152.3	17.1	169.5	W	7.3	
2018	305.4	0.4	40.5	28.4	1.2	1.2	154.5	9.1	163.7	W	7.6	
2019												
January	287.2	0.4	36.9	41.1	1.8	3.3	150.5	15.7	166.1	W	7.9	
February	291.6	0.3	38.2	40.7	1.3	3.8	148.2	14.5	162.7	W	7.6	
March	298.1	0.4	40.2	31.7	1.0	1.5	154.8	11.6	166.4	W	6.9	
April	304.9	0.4	40.1	25.1	0.5	0.4	160.9	7.7	168.6	W	9.3	
May	309.2	0.5	39.7	24.8	0.8	0.1	161.0	5.8	166.8	W	7.4	
June	307.8	0.4	42.5	26.2	1.2	0.1	168.8	5.0	173.8	W	7.7	
July	307.7	0.6	44.6	27.6	1.6	0.1	161.1	4.7	165.8	W	6.5	
August	314.8	0.5	44.8	27.0	0.8	0.2	165.8	R7.2	R173.0	W	8.4	
September	302.4	0.5	44.3	27.7	1.2	0.4	159.7	4.1	163.9	W	7.5	

NA = Not available.

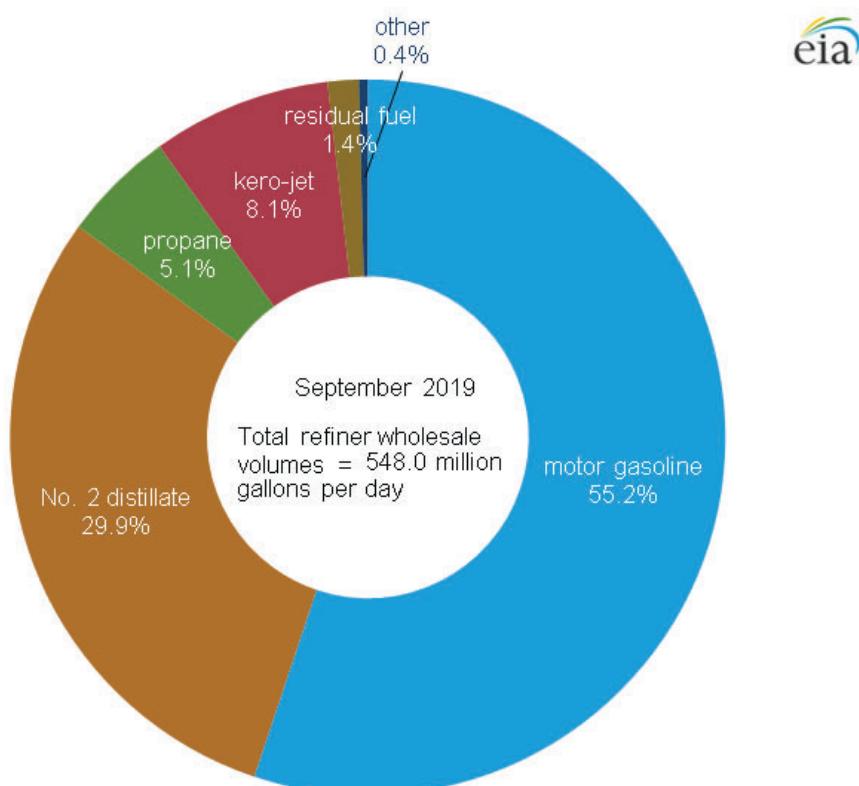
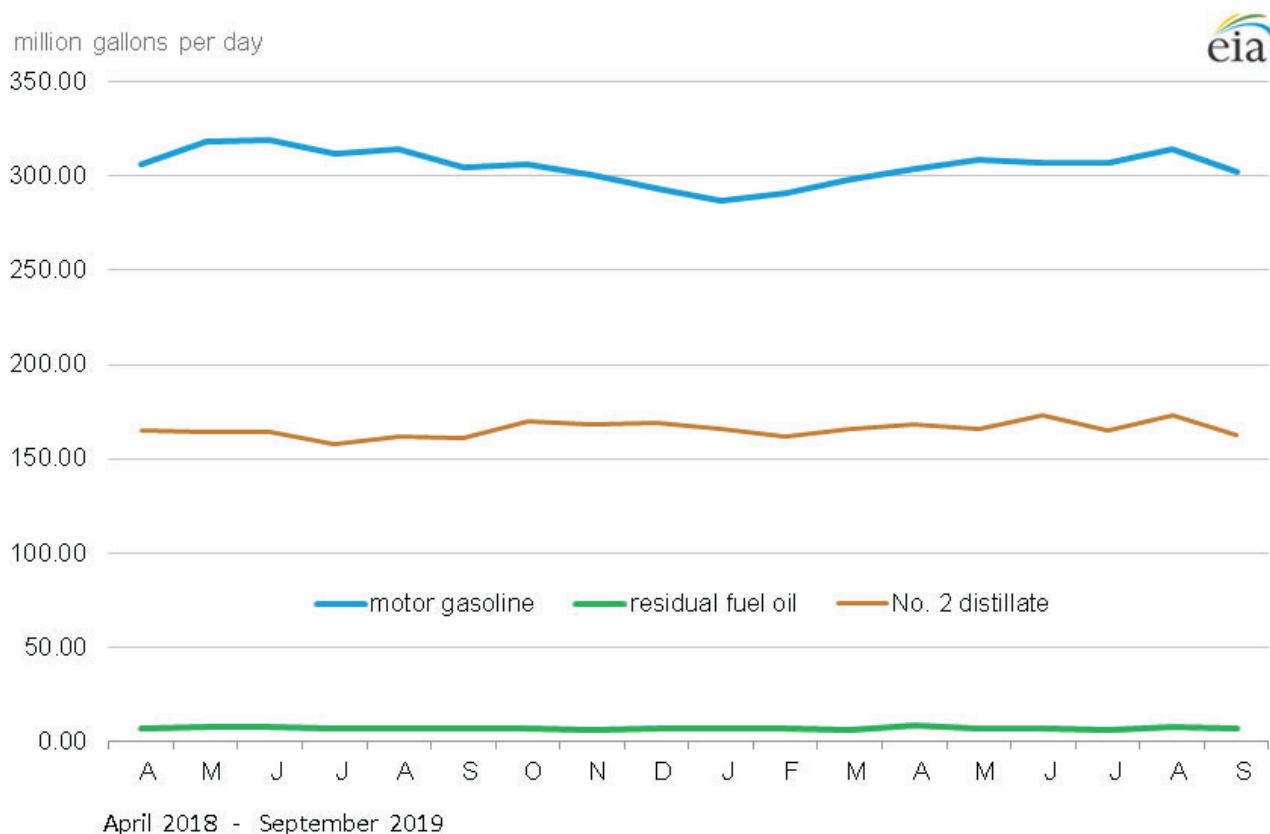
W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Motor gasoline averages and totals before October 1993 include leaded gasoline. Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components because of rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Figure 5. U.S. refiner wholesale petroleum product volumes

Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 6. U.S. refiner motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.695	0.689	0.646	0.547	0.502	0.566	0.791	0.785	0.704	0.584	NA	0.638
1995	0.723	0.717	0.682	0.576	0.534	0.593	0.813	0.808	0.737	0.619	NA	0.670
1996	0.812	0.807	0.770	0.672	0.622	0.685	0.901	0.896	0.824	0.709	NA	0.759
1997	0.803	0.798	0.764	0.656	0.615	0.673	0.898	0.895	0.822	0.694	0.711	0.749
1998	0.634	0.630	0.596	0.481	0.449	0.499	0.731	0.728	0.655	0.521	NA	0.576
1999	0.747	0.742	0.730	0.605	0.542	0.620	0.838	0.835	0.784	0.639	NA	0.696
2000	1.077	1.073	1.042	0.927	0.873	0.942	1.171	1.168	1.099	0.960	-	1.013
2001	1	0.997	0.977	0.848	0.786	0.865	1.103	1.10	1.042	0.888	-	0.945
2002	0.915	0.912	0.886	0.801	0.735	0.806	1.013	1.010	0.968	0.839	-	0.885
2003	1.127	1.123	1.134	0.965	0.888	0.981	1.222	1.218	1.196	1.004	-	1.061
2004	1.407	1.404	1.414	1.257	1.182	1.269	1.503	1.499	1.469	1.296	-	1.340
2005	1.805	1.802	1.765	1.653	1.568	1.654	1.896	1.893	1.821	1.681	-	1.708
2006	2.102	2.099	2.082	1.944	1.866	1.950	2.216	2.213	2.157	1.987	-	2.016
2007	2.318	2.315	2.278	2.161	2.074	2.161	2.440	2.438	2.351	2.226	-	2.245
2008	2.752	2.748	2.702	2.558	2.525	2.570	2.880	2.879	2.775	2.588	-	2.610
2009	1.860	1.856	1.866	1.744	1.668	1.747	1.998	1.997	1.957	1.762	-	1.784
2010	2.275	2.270	2.261	2.144	2.073	2.146	2.416	2.416	2.357	2.168	-	2.185
2011	3.028	3.021	2.961	2.846	2.762	2.847	3.165	3.165	3.057	2.880	-	2.893
2012	3.132	3.118	3.086	2.892	2.836	2.904	3.291	3.290	3.194	2.906	-	2.925
2013	3.029	3.010	2.907	2.769	2.747	2.779	3.200	3.199	3.038	2.862	-	2.876
2014	2.832	2.811	2.767	2.574	2.520	2.584	3.031	3.030	2.903	2.716	-	2.738
2015	1.939	1.938	2.105	1.654	1.604	1.681	2.225	2.224	2.252	1.824	-	1.872
2016	1.661	1.660	1.701	1.392	1.354	1.410	1.935	1.934	1.839	1.552	-	1.586
2017	1.903	1.902	1.957	1.625	1.622	1.647	2.202	2.200	2.090	1.791	-	1.826
2018												
January	2.039	2.037	2.066	1.791	1.803	1.810	2.330	2.328	2.227	1.953	-	1.986
February	2.049	2.047	2.153	1.750	1.838	1.782	2.389	2.386	2.302	1.924	-	1.970
March	2.080	2.078	2.248	1.820	1.805	1.846	2.419	2.417	2.415	1.997	-	2.047
April	2.241	2.239	2.411	1.985	1.945	2.010	2.556	2.554	2.560	2.167	-	2.214
May	2.422	2.419	2.549	2.140	2.090	2.162	2.736	2.733	2.680	2.319	-	2.358
June	2.395	2.392	2.502	2.065	2.063	2.092	2.723	2.721	2.612	2.253	-	2.291
July	2.369	2.367	2.446	2.084	2.053	2.105	2.679	2.677	2.580	2.271	-	2.305
August	2.348	2.345	2.402	2.053	2.046	2.075	2.662	2.661	2.546	2.237	-	2.270
September	2.352	2.349	2.479	2.069	2.046	2.093	2.679	2.678	2.631	2.254	-	2.296
October	2.361	2.357	2.592	2.005	2.060	2.046	2.725	2.723	2.725	2.202	-	2.261
November	2.117	2.113	2.320	1.643	1.679	1.688	2.534	2.532	2.435	1.833	-	1.899
December	1.881	1.878	2.087	1.425	1.459	1.469	2.300	2.299	2.225	1.611	-	1.681
2018	2.225	2.222	2.359	1.907	1.923	1.937	2.565	2.563	2.498	2.098	-	2.143
2019												
January	1.766	1.762	1.984	1.405	1.407	1.441	2.158	2.157	2.138	1.584	-	1.644
February	1.869	1.865	2.034	1.555	1.499	1.582	2.214	2.213	2.230	1.728	-	1.783
March	2.059	2.056	2.212	1.820	1.729	1.839	2.392	2.391	2.381	1.993	-	2.034
April	2.405	2.402	2.685	2.052	2.026	2.091	2.769	2.767	2.835	2.246	-	2.306
May	2.438	2.432	2.711	2.020	1.983	2.061	2.825	2.822	2.840	2.211	-	2.268
June	2.284	2.277	2.456	1.822	1.771	1.860	2.665	2.662	2.604	2.014	-	2.066
July	2.300	2.294	2.378	1.906	1.835	1.933	2.640	2.637	2.565	2.113	-	2.150
August	2.170	2.163	2.271	1.736	1.703	1.769	2.541	2.539	2.467	1.946	-	1.988
September	2.152	2.146	2.399	1.762	1.704	1.799	2.553	2.549	2.611	1.984	-	2.042

See footnotes at end of table.

Table 6. U.S. refiner motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.873	0.865	0.787	0.640	0.556	0.695	0.744	0.738	0.693	0.567	0.509	0.599
1995	0.897	0.890	0.822	0.673	0.583	0.722	0.771	0.765	0.729	0.598	0.540	0.626
1996	0.979	0.972	0.897	0.762	0.669	0.803	0.853	0.847	0.809	0.690	0.627	0.713
1997	0.979	0.973	0.895	0.749	0.658	0.792	0.844	0.839	0.803	0.674	0.620	0.70
1998	0.811	0.805	0.726	0.573	0.489	0.617	0.678	0.673	0.636	0.50	0.454	0.526
1999	0.912	0.906	0.851	0.687	0.585	0.726	0.785	0.781	0.765	0.621	0.549	0.645
2000	1.250	1.242	1.174	1.017	0.927	1.055	1.111	1.106	1.074	0.940	0.879	0.963
2001	1.181	1.175	1.112	0.936	0.830	0.980	1.035	1.032	1.009	0.862	0.791	0.886
2002	1.094	1.088	1.030	0.899	0.80	0.928	0.949	0.947	0.922	0.816	0.741	0.828
2003	1.312	1.305	1.269	1.064	0.955	1.113	1.160	1.156	1.164	0.978	0.893	1.002
2004	1.603	1.596	1.553	1.361	1.274	1.408	1.439	1.435	1.442	1.270	1.187	1.288
2005	2	1.992	1.901	1.760	1.696	1.789	1.833	1.829	1.791	1.664	1.576	1.670
2006	2.326	2.320	2.231	2.093	1.988	2.117	2.131	2.128	2.110	1.959	1.873	1.969
2007	2.558	2.552	2.460	2.339	2.209	2.357	2.349	2.345	2.311	2.180	2.080	2.182
2008	2.971	2.965	2.846	2.718	2.689	2.746	2.778	2.775	2.726	2.572	2.532	2.586
2009	2.128	2.122	2.059	1.941	1.816	1.958	1.892	1.888	1.899	1.761	1.675	1.767
2010	2.543	2.536	2.446	2.334	2.187	2.346	2.306	2.301	2.293	2.162	2.078	2.165
2011	3.291	3.283	3.139	3.047	2.873	3.049	3.058	3.050	2.990	2.864	2.769	2.867
2012	3.413	3.400	3.273	3.149	3.102	3.163	3.168	3.154	3.117	2.916	2.861	2.929
2013	3.320	3.307	3.108	3.076	3.010	3.075	3.068	3.049	2.942	2.801	2.774	2.812
2014	3.152	3.138	2.941	2.878	2.783	2.880	2.876	2.855	2.800	2.606	2.548	2.618
2015	2.392	2.386	2.312	2.035	1.845	2.061	2.006	2.003	2.148	1.696	1.627	1.726
2016	2.134	2.132	1.939	1.757	1.535	1.767	1.731	1.730	1.754	1.434	1.374	1.454
2017	2.416	2.413	2.204	1.973	1.825	1.997	1.978	1.976	2.013	1.665	1.644	1.689
2018												
January	2.552	2.547	2.328	2.115	1.992	2.136	2.111	2.108	2.125	1.827	1.824	1.849
February	2.619	2.614	2.413	2.087	1.982	2.126	2.130	2.127	2.211	1.787	1.851	1.823
March	2.649	2.644	2.523	2.166	2.013	2.206	2.162	2.160	2.307	1.859	1.821	1.889
April	2.787	2.783	2.663	2.342	2.189	2.376	2.317	2.315	2.467	2.026	1.969	2.054
May	2.952	2.945	2.789	2.492	2.315	2.521	2.498	2.494	2.602	2.181	2.108	2.205
June	2.940	2.933	2.726	2.420	2.226	2.444	2.473	2.469	2.551	2.105	2.083	2.135
July	2.897	2.891	2.687	2.434	2.255	2.455	2.445	2.442	2.499	2.125	2.076	2.148
August	2.881	2.874	2.652	2.397	2.215	2.421	2.424	2.421	2.457	2.093	2.065	2.118
September	2.897	2.891	2.740	2.410	2.263	2.446	2.431	2.428	2.537	2.108	2.065	2.136
October	2.962	2.954	2.840	2.361	2.249	2.419	2.445	2.441	2.647	2.045	2.080	2.090
November	2.764	2.755	2.542	1.998	1.825	2.062	2.210	2.205	2.369	1.683	1.694	1.732
December	2.534	2.526	2.321	1.766	1.594	1.832	1.977	1.973	2.140	1.464	1.476	1.514
2018	2.790	2.784	2.605	2.256	2.105	2.293	2.306	2.303	2.413	1.947	1.942	1.980
2019												
January	2.401	2.394	2.232	1.734	1.548	1.786	1.858	1.854	2.040	1.442	1.424	1.483
February	2.447	2.440	2.312	1.877	1.721	1.925	1.954	1.949	2.097	1.591	1.527	1.624
March	2.621	2.615	2.484	2.148	2.011	2.187	2.141	2.137	2.272	1.857	1.755	1.881
April	3.012	3.004	2.957	2.417	2.325	2.483	2.492	2.487	2.744	2.093	2.059	2.138
May	3.068	3.052	2.967	2.401	2.240	2.465	2.527	2.520	2.765	2.064	2.009	2.110
June	2.904	2.887	2.719	2.199	1.995	2.255	2.374	2.366	2.513	1.866	1.802	1.909
July	2.876	2.861	2.664	2.297	2.182	2.337	2.383	2.375	2.441	1.952	1.882	1.984
August	2.779	2.764	2.555	2.126	1.970	2.173	2.259	2.252	2.334	1.782	1.739	1.820
September	2.792	2.777	2.705	2.164	2.097	2.229	2.249	2.241	2.467	1.809	1.750	1.854

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	34.3	35.9	47.7	120.3	24.3	192.3	8.5	8.7	12.8	15.7	0.2	28.7
1995	34.3	35.9	43.8	126.2	31.8	201.8	9.6	9.8	13.3	17.2	0.1	30.6
1996	37.2	38.9	46.5	131.9	35.2	213.6	9.5	9.8	12.9	16.6	NA	29.5
1997	40.5	42.4	46.2	135.7	33.9	215.8	9.7	10.0	12.1	16.3	NA	28.4
1998	41.7	43.2	44.4	138.9	37.1	220.3	10.1	10.3	11.1	16.3	NA	27.4
1999	41.6	43.0	45.6	147.5	34.5	227.6	9.9	10.1	10.5	16.1	NA	26.6
2000	43.6	45.0	47.5	159.3	32.4	239.3	8.6	8.7	8.8	14.2	-	23.0
2001	45.0	46.3	47.2	163.2	33.0	243.5	8.3	8.4	7.8	13.3	-	21.1
2002	46.2	47.4	46.9	163.0	39.2	249.2	8.3	8.5	7.4	13.4	-	20.8
2003	47.3	48.6	43.5	171.4	40.1	255.0	7.8	7.9	5.5	13.1	-	18.6
2004	44.5	45.8	41.1	182.1	42.2	265.4	6.4	6.5	4.4	12.7	-	17.0
2005	46.4	47.5	37.5	189.8	45.8	273.2	5.9	6.0	3.2	13.5	-	16.7
2006	48.2	49.4	34.8	196.0	40.8	271.7	5.5	5.5	2.4	11.7	-	14.1
2007	47.0	47.8	34.0	195.7	46.8	276.6	5.0	5.0	2.0	11.7	-	13.7
2008	45.6	46.6	32.5	192.7	43.7	268.8	4.1	4.2	1.5	11.0	-	12.5
2009	40.5	42.2	32.4	196.8	39.3	268.5	3.5	3.5	1.3	10.2	-	11.5
2010	36.6	38.1	29.0	202.2	41.4	272.5	3.0	3.1	0.9	9.9	-	10.8
2011	32.1	33.5	24.9	204.9	30.5	260.2	2.5	2.5	0.7	8.5	-	9.2
2012	23.6	25.2	22.4	209.3	25.8	257.5	1.9	1.9	0.6	8.3	-	8.9
2013	19.3	20.9	22.7	209.2	22.3	254.2	1.6	1.6	0.6	6.7	-	7.2
2014	16.7	18.2	18.9	216.9	18.9	254.8	1.4	1.4	0.4	3.1	-	3.5
2015	20.8	21.1	18.0	224.2	19.6	261.8	1.7	1.8	0.3	2.7	-	3.1
2016	20.8	21.0	17.9	228.0	19.0	264.9	1.8	1.8	0.3	2.5	-	2.8
2017	20.0	20.2	17.2	230.5	15.6	263.4	1.7	1.7	0.3	2.1	-	2.4
2018												
January	18.5	18.7	15.9	215.9	16.4	248.3	1.5	1.5	0.2	1.7	-	2.0
February	19.2	19.5	16.8	224.3	18.9	260.1	1.6	1.6	0.2	1.8	-	2.0
March	19.7	20.0	17.3	231.3	20.4	269.0	1.7	1.7	0.2	1.8	-	2.1
April	19.6	19.8	17.5	231.0	20.6	269.0	1.6	1.6	0.3	1.9	-	2.1
May	19.8	20.1	17.3	240.2	21.5	279.0	1.7	1.7	0.2	2.0	-	2.2
June	20.5	20.8	17.4	242.1	20.4	279.8	1.7	1.7	0.2	2.0	-	2.2
July	20.0	20.3	17.3	237.2	18.3	272.7	1.7	1.7	0.2	2.0	-	2.2
August	20.7	21.0	17.6	241.8	15.5	275.0	1.7	1.7	0.2	2.0	-	2.2
September	19.8	20.1	17.1	230.0	20.7	267.8	1.7	1.7	0.2	1.8	-	2.0
October	20.3	20.6	17.0	236.1	15.9	269.0	1.7	1.7	0.2	1.7	-	1.9
November	20.2	20.5	16.7	233.2	15.2	265.1	1.7	1.7	0.2	1.7	-	1.9
December	19.8	20.0	16.6	227.2	13.5	257.2	1.6	1.6	0.2	1.6	-	1.8
2018	19.9	20.1	17.0	232.6	18.1	267.7	1.6	1.7	0.2	1.8	-	2.1
2019												
January	19.0	19.2	15.6	218.2	17.8	251.6	1.6	1.6	0.2	1.5	-	1.7
February	19.2	19.5	16.4	222.8	15.9	255.2	1.6	1.6	0.2	1.5	-	1.7
March	19.9	20.1	16.8	229.8	15.1	261.7	1.7	1.7	0.2	1.6	-	1.8
April	19.8	20.0	17.0	235.7	14.8	267.5	1.7	1.7	0.2	1.6	-	1.8
May	20.2	20.6	16.9	239.7	14.3	270.9	1.6	1.6	0.2	1.8	-	2.0
June	20.3	20.7	17.1	240.7	10.9	268.7	1.7	1.7	0.2	1.8	-	2.0
July	20.2	20.6	16.7	241.4	10.1	268.1	1.7	1.7	0.2	1.8	-	2.0
August	21.0	21.4	17.3	245.9	11.1	274.2	1.7	1.7	0.2	1.8	-	2.0
September	19.5	19.8	16.8	235.0	11.8	263.5	1.6	1.6	0.2	1.6	-	1.8

See footnotes at end of table.

Table 7. U.S. refiner motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	10.0	10.3	22.6	29.9	3.2	55.7	52.8	55.0	83.1	165.9	27.7	276.7
1995	9.8	10.2	20.8	31.5	4.2	56.4	53.7	55.9	77.9	174.8	36.0	288.8
1996	8.4	8.8	18.2	28.3	4.1	50.5	55.1	57.5	77.5	176.8	39.3	293.6
1997	8.4	8.8	16.9	27.6	4.0	48.5	58.7	61.1	75.1	179.6	38.0	292.7
1998	9.6	9.9	17.4	30.9	4.3	52.7	61.4	63.3	73.0	186.1	41.4	300.4
1999	8.7	8.9	16.1	31.0	5.7	52.7	60.2	62.0	72.2	194.6	40.2	306.9
2000	6.9	7.1	13.0	24.4	4.7	42.1	59.1	60.9	69.4	197.9	37.1	304.4
2001	7.1	7.3	12.3	24.6	3.7	40.6	60.4	62.0	67.4	201.1	36.7	305.2
2002	7.5	7.8	12.5	25.2	4.1	41.8	62.1	63.6	66.9	201.7	43.3	311.8
2003	7.1	7.3	10.8	23.9	3.3	38.1	62.2	63.8	59.8	208.4	43.4	311.6
2004	5.9	6.1	9.4	22.3	2.3	34.0	56.9	58.4	54.8	217.1	44.5	316.4
2005	5.2	5.4	8.0	20.9	3.0	31.9	57.5	59.0	48.7	224.2	48.9	321.8
2006	4.9	5.1	7.1	20.3	2.4	29.7	58.6	60.0	44.3	228.0	43.2	315.6
2007	4.7	4.8	6.9	20.2	2.4	29.5	56.7	57.7	43.0	227.6	49.2	319.8
2008	4.2	4.3	5.9	17.1	1.9	25.0	53.9	55.1	39.9	220.8	45.7	306.4
2009	4.0	4.1	6.3	19.1	2.1	27.4	48.0	49.8	39.9	226.1	41.4	307.4
2010	3.4	3.5	5.7	20.9	2.1	28.7	43.1	44.7	35.7	232.9	43.5	312.0
2011	2.9	3.0	4.6	20.3	2.0	26.9	37.5	39.0	30.1	233.7	32.5	296.3
2012	2.5	2.6	4.2	21.6	2.6	28.4	28.0	29.7	27.2	239.2	28.4	294.7
2013	2.2	2.3	4.3	22.7	2.6	29.6	23.0	24.7	27.6	238.6	24.8	291.0
2014	1.9	2.0	4.2	24.4	2.3	30.9	19.9	21.6	23.5	244.5	21.2	289.2
2015	2.6	2.6	4.5	27.3	2.0	33.8	25.1	25.5	22.9	254.2	21.6	298.7
2016	2.7	2.7	5.0	28.8	2.4	36.1	25.3	25.6	23.2	259.3	21.3	303.8
2017	2.5	2.6	4.9	29.0	1.9	35.7	24.2	24.5	22.4	261.6	17.5	301.5
2018												
January	2.3	2.3	4.5	26.3	2.0	32.8	22.3	22.5	20.7	244.0	18.4	283.1
February	2.3	2.3	4.7	27.3	2.0	34.0	23.1	23.4	21.8	253.4	20.8	296.0
March	2.4	2.5	4.7	28.7	1.7	35.2	23.8	24.1	22.3	261.9	22.1	306.3
April	2.4	2.4	4.9	28.7	2.2	35.8	23.5	23.8	22.6	261.5	22.8	306.9
May	2.5	2.5	4.8	30.5	1.9	37.2	24.0	24.3	22.3	272.7	23.4	318.4
June	2.5	2.6	4.8	29.9	2.8	37.5	24.7	25.1	22.4	273.9	23.2	319.5
July	2.5	2.5	4.8	30.0	2.3	37.1	24.2	24.6	22.3	269.2	20.6	312.1
August	2.6	2.6	4.9	30.5	2.0	37.3	25.0	25.4	22.8	274.2	17.5	314.5
September	2.5	2.5	4.8	28.9	1.9	35.6	24.0	24.4	22.1	260.7	22.6	305.4
October	2.4	2.4	4.7	28.6	1.9	35.2	24.3	24.7	21.9	266.4	17.9	306.2
November	2.4	2.4	4.7	28.5	1.7	34.9	24.3	24.6	21.5	263.4	16.9	301.8
December	2.5	2.5	4.7	28.2	1.9	34.9	23.9	24.2	21.5	257.0	15.4	293.9
2018	2.4	2.5	4.7	28.8	2.0	35.6	23.9	24.3	22.0	263.3	20.1	305.4
2019												
January	2.4	2.4	4.4	27.0	2.4	33.9	22.9	23.2	20.3	246.7	20.2	287.2
February	2.4	2.5	4.6	27.7	2.3	34.7	23.2	23.6	21.3	252.1	18.2	291.6
March	2.5	2.5	4.6	28.5	1.5	34.6	24.0	24.3	21.6	259.9	16.6	298.1
April	2.4	2.4	4.6	29.2	1.8	35.6	23.8	24.1	21.9	266.5	16.6	304.9
May	2.4	2.5	4.5	30.1	1.6	36.3	24.3	24.7	21.7	271.7	15.9	309.2
June	2.5	2.6	4.7	30.7	1.8	37.2	24.5	24.9	21.9	273.2	12.6	307.8
July	2.5	2.6	4.6	31.4	1.6	37.6	24.4	24.8	21.5	274.6	11.6	307.7
August	2.7	2.7	4.8	32.0	1.8	38.6	25.4	25.9	22.3	279.7	12.8	314.8
September	2.5	2.6	4.7	30.8	1.6	37.0	23.6	24.1	21.6	267.4	13.4	302.4

NA = Not available.

- = No data reported.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Motor gasoline averages and totals prior to October 1993 include leaded gasoline. - Data for the 4th quarter of 1993 were derived from two separate survey systems. The DTW, Rack, and Bulk components were derived from the revised EIA-782 survey system, while the End-Use and Average Resale categories were derived from the predecessor EIA-782 survey system. Therefore, the DTW, Rack, and Bulk components are not consistent with the Average Resale category. Beginning January 1994, all data are from the revised EIA-782 survey system and are consistent. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.687	0.681	0.636	0.545	0.50	0.558	0.784	0.778	0.694	NA	NA	0.627
1995	0.710	0.704	0.651	0.570	0.525	0.573	0.80	0.794	0.711	0.610	NA	0.637
1996	0.797	0.791	0.743	0.665	0.607	0.664	0.884	0.878	0.801	0.70	NA	0.726
1997	0.781	0.775	0.719	0.649	0.60	0.648	0.874	0.869	0.783	0.685	W	0.708
1998	0.611	0.606	0.551	0.473	0.439	0.473	0.704	0.70	0.613	0.511	W	0.533
1999	0.710	0.706	0.676	0.595	0.520	0.590	0.802	0.799	0.734	0.628	-	0.650
2000	1.045	1.040	0.994	0.913	0.844	0.909	1.136	1.133	1.052	0.945	-	0.964
2001	0.961	0.958	0.914	0.835	0.761	0.830	1.058	1.055	0.984	0.872	-	0.889
2002	0.893	0.891	0.836	0.791	0.723	0.782	0.985	0.981	0.906	0.829	-	0.839
2003	1.081	1.078	1.040	0.952	0.871	0.942	1.173	1.168	1.108	0.994	-	1.006
2004	1.368	1.364	1.325	1.244	1.170	1.234	1.454	1.450	1.391	1.287	-	1.296
2005	1.780	1.776	1.709	1.643	1.555	1.629	1.861	1.857	1.781	1.675	-	1.682
2006	2.062	2.060	2.054	1.925	1.864	1.918	2.166	2.164	2.134	1.972	-	1.980
2007	2.292	2.289	2.242	2.153	2.065	2.138	2.392	2.390	2.298	2.222	-	2.225
2008	2.717	2.714	2.698	2.560	2.513	2.555	2.829	2.829	2.734	2.581	-	2.586
2009	1.825	1.821	1.817	1.735	1.657	1.723	1.936	1.936	1.877	1.751	-	1.755
2010	2.244	2.239	2.244	2.139	2.065	2.128	2.361	2.361	2.336	2.160	-	2.164
2011	2.998	2.989	2.916	2.834	2.751	2.825	3.105	3.104	3.033	2.869	-	2.872
2012	3.076	3.060	2.999	2.867	2.816	2.864	3.202	3.202	3.117	2.886	-	2.890
2013	2.975	2.954	2.797	2.745	2.724	2.745	3.110	3.110	2.947	2.850	-	2.852
2014	2.775	2.753	2.706	2.558	2.502	2.556	2.932	2.931	2.858	2.703	-	2.711
2015	1.833	1.833	1.858	1.625	1.575	1.625	2.033	2.032	2.090	1.794	-	1.809
2016	1.591	1.591	1.497	1.375	1.332	1.374	1.811	1.811	1.681	1.541	-	1.549
2017	1.829	1.829	1.780	1.607	1.602	1.610	2.082	2.080	1.954	1.781	-	1.791
2018												
January	1.965	1.963	1.888	1.776	1.783	1.779	2.203	2.201	2.087	1.945	-	1.954
February	1.949	1.948	1.934	1.732	1.827	1.744	2.218	2.216	2.151	1.912	-	1.928
March	1.974	1.973	2.051	1.791	1.776	1.795	2.235	2.233	2.253	1.972	-	1.990
April	2.148	2.148	2.232	1.956	1.915	1.957	2.411	2.408	2.436	2.147	-	2.165
May	2.331	2.328	2.385	2.106	2.067	2.107	2.597	2.592	2.579	2.300	-	2.316
June	2.298	2.295	2.340	2.036	2.044	2.042	2.579	2.576	2.532	2.246	-	2.261
July	2.286	2.284	2.288	2.063	2.027	2.065	2.550	2.548	2.458	2.270	-	2.281
August	2.267	2.264	2.235	2.038	2.025	2.041	2.536	2.535	2.442	2.244	-	2.254
September	2.265	2.263	2.271	2.054	2.028	2.056	2.537	2.536	2.485	2.252	-	2.266
October	2.249	2.247	2.358	1.989	2.042	1.999	2.540	2.538	2.586	2.190	-	2.213
November	1.984	1.982	2.115	1.628	1.655	1.639	2.314	2.312	2.383	1.824	-	1.855
December	1.731	1.729	1.880	1.394	1.437	1.406	2.047	2.047	2.150	1.579	-	1.612
2018	2.123	2.122	2.167	1.885	1.903	1.892	2.401	2.399	2.378	2.087	-	2.104
2019												
January	1.623	1.621	1.728	1.369	1.383	1.377	1.911	1.912	2.002	1.545	-	1.569
February	1.755	1.751	1.733	1.521	1.458	1.520	2.003	2.004	2.025	1.685	-	1.702
March	1.954	1.952	1.954	1.788	1.687	1.784	2.210	2.210	2.181	1.962	-	1.973
April	2.248	2.245	2.320	1.995	1.963	1.999	2.505	2.504	2.504	2.186	-	2.201
May	2.263	2.260	2.389	1.968	1.926	1.973	2.546	2.544	2.579	2.171	-	2.187
June	2.122	2.118	2.141	1.781	1.729	1.786	2.408	2.406	2.341	1.990	-	2.003
July	2.177	2.172	2.118	1.872	1.787	1.873	2.436	2.434	2.338	2.101	-	2.109
August	2.038	2.034	2.007	1.708	1.671	1.712	2.310	2.308	2.254	1.931	-	1.940
September	2.030	2.026	2.044	1.728	1.633	1.729	2.313	2.310	2.316	1.942	-	1.956

See footnotes at end of table.

Table 8. U.S. refiner conventional motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.863	0.855	0.778	0.638	0.555	0.682	0.736	0.729	0.683	0.565	0.507	0.589
1995	0.877	0.868	0.790	0.665	0.568	0.684	0.753	0.746	0.693	0.590	0.530	0.598
1996	0.960	0.951	0.869	0.755	0.645	0.767	0.834	0.827	0.778	0.682	0.610	0.685
1997	0.954	0.946	0.856	0.742	0.641	0.753	0.819	0.813	0.756	0.666	0.604	0.668
1998	0.783	0.776	0.684	W	0.474	0.576	0.652	0.647	0.589	0.491	0.442	0.494
1999	0.872	0.865	0.801	0.679	0.558	0.681	0.748	0.743	0.711	0.611	0.525	0.609
2000	1.211	1.201	1.120	1.002	0.897	1.005	1.076	1.071	1.023	0.926	0.849	0.925
2001	1.129	1.123	1.042	0.922	0.806	0.923	0.992	0.989	0.943	0.848	0.765	0.845
2002	1.064	1.058	0.978	0.889	0.788	0.886	0.924	0.921	0.867	0.806	0.729	0.798
2003	1.253	1.245	1.178	1.051	0.925	1.050	1.109	1.105	1.067	0.965	0.874	0.957
2004	1.544	1.534	1.466	1.347	1.248	1.348	1.391	1.387	1.348	1.257	1.174	1.247
2005	1.966	1.954	1.857	1.747	1.652	1.746	1.801	1.797	1.732	1.654	1.560	1.641
2006	2.274	2.265	2.215	2.070	1.981	2.071	2.084	2.082	2.077	1.940	1.869	1.933
2007	2.502	2.494	2.415	2.328	2.181	2.317	2.313	2.309	2.267	2.172	2.070	2.156
2008	2.928	2.921	2.851	2.726	2.650	2.726	2.736	2.733	2.716	2.573	2.518	2.568
2009	2.062	2.054	2.014	1.927	1.802	1.918	1.845	1.841	1.843	1.750	1.664	1.738
2010	2.489	2.478	2.443	2.329	2.172	2.318	2.264	2.259	2.270	2.155	2.069	2.143
2011	3.230	3.219	3.105	3.035	2.864	3.018	3.016	3.008	2.939	2.851	2.758	2.841
2012	3.316	3.299	3.194	3.116	3.094	3.116	3.098	3.083	3.024	2.887	2.843	2.886
2013	3.231	3.213	3.011	3.059	3.004	3.049	2.997	2.977	2.825	2.775	2.755	2.774
2014	3.063	3.043	2.901	2.885	2.794	2.875	2.800	2.778	2.736	2.589	2.535	2.587
2015	2.216	2.210	2.085	2.016	1.812	1.999	1.869	1.869	1.899	1.663	1.599	1.663
2016	2.042	2.037	1.709	1.758	1.510	1.731	1.635	1.634	1.536	1.414	1.353	1.411
2017	2.338	2.331	2.002	1.973	1.792	1.961	1.876	1.876	1.821	1.643	1.622	1.646
2018												
January	2.479	2.468	2.118	2.121	1.956	2.106	2.010	2.009	1.931	1.809	1.801	1.811
February	2.493	2.482	2.176	2.086	1.943	2.078	1.997	1.996	1.980	1.766	1.838	1.777
March	2.510	2.502	2.298	2.154	1.954	2.146	2.022	2.021	2.097	1.827	1.789	1.829
April	2.683	2.676	2.484	2.337	2.141	2.325	2.197	2.196	2.278	1.993	1.936	1.994
May	2.867	2.852	2.632	2.487	2.273	2.476	2.380	2.377	2.431	2.145	2.083	2.145
June	2.848	2.832	2.570	2.425	2.201	2.404	2.348	2.345	2.383	2.074	2.064	2.079
July	2.828	2.814	2.522	2.439	2.224	2.422	2.335	2.333	2.332	2.102	2.050	2.102
August	2.814	2.798	2.477	2.418	2.185	2.403	2.317	2.314	2.280	2.077	2.043	2.079
September	2.810	2.796	2.526	2.420	2.222	2.409	2.315	2.313	2.318	2.091	2.042	2.091
October	2.823	2.806	2.617	2.366	2.188	2.363	2.300	2.297	2.406	2.025	2.056	2.035
November	2.583	2.565	2.373	2.010	1.778	2.007	2.038	2.035	2.164	1.665	1.667	1.675
December	2.322	2.306	2.133	1.745	1.533	1.744	1.784	1.782	1.930	1.428	1.449	1.440
2018	2.676	2.663	2.413	2.260	2.066	2.249	2.173	2.171	2.213	1.922	1.919	1.928
2019												
January	2.192	2.179	1.961	1.704	1.493	1.691	1.674	1.672	1.772	1.402	1.396	1.409
February	2.279	2.266	1.982	1.842	1.666	1.831	1.801	1.798	1.781	1.552	1.483	1.552
March	2.483	2.472	2.207	2.125	1.955	2.118	2.002	1.999	2.001	1.821	1.709	1.817
April	2.781	2.768	2.575	2.359	2.227	2.357	2.295	2.292	2.366	2.030	1.991	2.035
May	2.821	2.803	2.661	2.353	2.160	2.352	2.314	2.311	2.438	2.007	1.951	2.012
June	2.697	2.674	2.395	2.169	1.936	2.162	2.175	2.170	2.187	1.821	1.759	1.826
July	2.726	2.706	2.387	2.279	2.143	2.275	2.227	2.222	2.168	1.915	1.834	1.917
August	2.601	2.580	2.275	2.114	1.908	2.107	2.091	2.086	2.057	1.750	1.703	1.755
September	2.607	2.586	2.333	2.134	2.012	2.135	2.085	2.080	2.098	1.771	1.677	1.773

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent. Sales to end users - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	29.7	31.2	36.1	113.5	22.8	172.4	7.6	7.8	10.1	14.6	0.1	24.8
1995	24.0	25.3	19.4	105.1	26.0	150.5	6.0	6.3	5.1	13.6	0.1	18.7
1996	24.1	25.4	17.8	108.5	27.1	153.4	5.7	5.9	4.4	12.9	NA	17.3
1997	25.0	26.4	16.4	110.9	26.4	153.7	5.7	5.9	3.9	12.7	W	16.6
1998	25.4	26.6	13.7	112.0	28.8	154.5	6.0	6.1	3.4	12.5	W	15.8
1999	25.0	26.0	13.4	117.4	24.9	155.8	5.9	6.0	3.1	12.2	-	15.3
2000	26.0	27.1	12.8	125.7	23.9	162.4	4.9	5.0	2.3	10.8	-	13.1
2001	26.6	27.4	12.0	128.5	24.0	164.5	4.6	4.7	1.9	10.2	-	12.0
2002	27.2	28.0	11.3	127.9	31.0	170.2	4.7	4.8	1.6	10.4	-	11.9
2003	27.5	28.3	10.3	131.1	32.4	173.8	4.3	4.4	1.2	10.0	-	11.2
2004	26.5	27.3	9.7	136.7	36.1	182.5	3.5	3.6	0.9	9.8	-	10.8
2005	27.4	28.3	9.0	140.1	36.4	185.5	3.1	3.2	0.7	10.8	-	11.5
2006	28.9	29.8	7.3	143.7	37.4	188.4	2.9	2.9	0.5	9.3	-	9.7
2007	29.6	30.2	7.4	150.3	43.0	200.7	2.6	2.6	0.5	10.3	-	10.8
2008	28.9	29.8	7.1	144.5	39.5	191.1	2.1	2.2	0.4	9.9	-	10.3
2009	26.5	27.8	6.6	147.0	35.9	189.5	1.9	1.9	0.3	9.1	-	9.4
2010	24.9	26.2	5.9	147.6	37.1	190.7	1.7	1.7	0.2	8.7	-	8.9
2011	21.3	22.4	5.4	147.3	26.3	179.0	1.3	1.3	0.1	7.4	-	7.5
2012	14.4	15.7	5.0	149.0	21.7	175.8	0.9	0.9	0.1	7.2	-	7.4
2013	11.6	13.0	6.2	149.9	18.8	174.9	0.7	0.7	0.1	5.7	-	5.8
2014	11.1	12.5	4.3	154.9	16.8	176.0	0.6	0.6	0.1	2.1	-	2.3
2015	14.0	14.3	3.9	160.7	16.8	181.4	0.8	0.8	0.1	1.9	-	2.0
2016	14.1	14.3	4.1	163.4	15.8	183.3	0.9	0.9	0.1	1.7	-	1.8
2017	13.3	13.5	3.9	165.5	13.0	182.4	0.8	0.8	0.1	1.5	-	1.6
2018												
January	12.2	12.4	3.5	153.8	13.7	171.0	0.7	0.7	0.1	1.2	-	1.3
February	12.8	13.0	3.6	159.4	15.6	178.6	0.7	0.7	0.1	1.2	-	1.3
March	13.0	13.2	3.7	165.6	17.0	186.2	0.8	0.8	0.1	1.3	-	1.4
April	12.8	13.0	3.6	165.1	17.8	186.4	0.7	0.8	0.1	1.3	-	1.4
May	12.9	13.2	3.5	172.6	18.7	194.9	0.7	0.8	0.1	1.4	-	1.5
June	13.4	13.7	3.6	174.3	17.4	195.4	0.8	0.8	0.1	1.4	-	1.5
July	13.0	13.2	3.7	171.6	14.7	189.9	0.7	0.8	0.1	1.4	-	1.5
August	13.5	13.8	3.7	174.3	12.3	190.3	0.8	0.8	0.1	1.4	-	1.5
September	12.9	13.2	3.5	164.7	18.0	186.2	0.7	0.8	0.1	1.3	-	1.4
October	13.2	13.5	3.5	170.0	13.7	187.1	0.7	0.7	0.1	1.2	-	1.3
November	13.4	13.6	3.4	167.7	12.9	184.0	0.7	0.8	0.1	1.2	-	1.3
December	12.9	13.2	3.4	162.8	10.8	177.0	0.7	0.7	0.1	1.2	-	1.2
2018	13.0	13.3	3.5	166.9	15.2	185.6	0.7	0.8	0.1	1.3	-	1.4
2019												
January	12.4	12.7	3.2	155.9	14.8	173.9	0.7	0.7	0.1	1.1	-	1.2
February	12.6	12.9	3.3	159.1	13.0	175.3	0.7	0.7	0.1	1.1	-	1.2
March	13.0	13.3	3.5	166.0	12.3	181.9	0.7	0.7	0.1	1.2	-	1.2
April	13.0	13.3	3.5	169.9	12.3	185.7	0.7	0.7	0.1	1.2	-	1.3
May	13.4	13.7	3.5	173.2	11.2	187.9	0.7	0.8	0.1	1.4	-	1.4
June	13.3	13.6	3.5	173.5	8.0	185.0	0.7	0.8	0.1	1.3	-	1.4
July	13.3	13.6	3.6	175.5	7.7	186.8	0.7	0.8	0.0	1.4	-	1.4
August	13.9	14.2	3.6	177.6	8.6	189.8	0.8	0.8	0.0	1.3	-	1.4
September	13.0	13.3	3.4	168.5	9.2	181.0	0.7	0.7	0.2	1.2	-	1.2

See footnotes at end of table.

Table 9. U.S. refiner conventional motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	8.5	8.9	16.5	28.0	2.8	47.2	45.8	47.9	62.7	156.0	25.8	244.5
1995	6.2	6.4	7.7	25.1	2.9	35.6	36.2	38.0	32.1	143.8	28.9	204.8
1996	4.9	5.1	5.8	22.5	2.5	30.8	34.7	36.5	28.1	143.8	29.6	201.5
1997	4.8	5.0	5.1	21.9	2.5	29.5	35.4	37.2	25.4	145.6	28.9	199.8
1998	5.5	5.7	4.7	W	2.7	31.9	36.9	38.5	21.8	148.9	31.5	202.2
1999	5.0	5.2	4.3	24.1	3.8	32.2	35.9	37.2	20.8	153.7	28.7	203.3
2000	3.7	3.9	3.1	18.6	2.8	24.5	34.7	35.9	18.2	155.1	26.7	200.0
2001	3.7	3.8	2.8	18.7	2.7	24.1	35.0	36.0	16.7	157.4	26.7	200.7
2002	3.8	4.0	2.6	19.1	3.0	24.7	35.8	36.8	15.5	157.4	34.0	206.9
2003	3.4	3.5	2.1	17.5	2.4	21.9	35.1	36.3	13.6	158.6	34.8	207.0
2004	2.6	2.8	1.6	15.8	1.7	19.2	32.6	33.7	12.3	162.3	37.8	212.4
2005	2.3	2.4	1.4	14.4	1.9	17.7	32.8	33.8	11.0	165.4	38.2	214.6
2006	2.1	2.2	1.1	13.9	1.7	16.6	33.9	35.0	8.8	166.8	39.1	214.7
2007	2.1	2.2	1.1	14.4	2.0	17.4	34.3	35.0	9.0	175.0	44.9	228.9
2008	1.8	1.9	0.9	11.7	1.5	14.2	32.9	33.9	8.4	166.2	41.0	215.6
2009	1.7	1.8	0.9	12.9	1.8	15.6	30.0	31.5	7.8	169.0	37.7	214.5
2010	1.5	1.6	0.8	13.5	1.7	15.9	28.2	29.5	6.9	169.8	38.8	215.5
2011	1.2	1.3	0.7	12.6	1.8	15.1	23.8	25.1	6.2	167.3	28.1	201.6
2012	1.0	1.1	0.7	13.2	2.4	16.2	16.3	17.7	5.8	169.5	24.1	199.4
2013	0.8	0.9	0.8	14.0	2.4	17.2	13.1	14.5	7.1	169.6	21.2	197.9
2014	0.7	0.8	0.7	15.1	2.1	17.9	12.5	14.0	5.1	172.1	18.9	196.2
2015	1.1	1.1	0.7	16.8	1.8	19.4	15.9	16.2	4.8	179.4	18.6	202.8
2016	1.1	1.2	0.8	17.7	2.1	20.6	16.1	16.4	5.0	182.8	17.9	205.7
2017	1.0	1.0	0.8	17.8	1.5	20.0	15.1	15.3	4.8	184.7	14.5	204.0
2018												
January	0.9	0.9	0.7	15.9	1.7	18.3	13.8	14.1	4.3	170.9	15.4	190.6
February	0.9	0.9	0.7	16.5	1.6	18.8	14.4	14.7	4.4	177.1	17.2	198.8
March	1.0	1.0	0.8	17.6	1.3	19.7	14.7	15.0	4.5	184.4	18.3	207.3
April	0.9	1.0	0.7	17.5	1.8	20.1	14.5	14.7	4.4	184.0	19.6	208.0
May	1.0	1.0	0.7	19.0	1.6	21.4	14.6	14.9	4.4	193.0	20.4	217.8
June	1.0	1.0	0.8	18.5	2.5	21.8	15.1	15.4	4.4	194.3	19.9	218.6
July	1.0	1.0	0.8	18.9	1.9	21.7	14.7	15.0	4.5	191.9	16.6	213.1
August	1.0	1.0	0.8	19.1	1.5	21.4	15.3	15.6	4.5	194.8	13.9	213.2
September	1.0	1.0	0.7	17.8	1.5	20.0	14.6	14.9	4.3	183.8	19.5	207.5
October	0.9	1.0	0.7	17.6	1.5	19.8	14.9	15.2	4.3	188.9	15.1	208.3
November	0.9	1.0	0.7	17.4	1.4	19.5	15.1	15.4	4.2	186.3	14.3	204.8
December	0.9	1.0	0.7	17.1	1.5	19.4	14.6	14.9	4.2	181.1	12.3	197.7
2018	1.0	1.0	0.7	17.8	1.7	20.2	14.7	15.0	4.4	185.9	16.9	207.2
2019												
January	0.9	0.9	0.7	16.4	2.0	19.0	14.0	14.3	3.9	173.4	16.8	194.1
February	0.9	1.0	0.7	16.7	1.8	19.2	14.2	14.5	4.0	176.8	14.8	195.7
March	1.0	1.0	0.7	17.5	1.1	19.3	14.7	15.0	4.3	184.7	13.4	202.4
April	1.0	1.0	0.7	17.9	1.5	20.1	14.7	15.0	4.3	189.1	13.7	207.1
May	1.0	1.0	0.7	18.7	1.3	20.8	15.1	15.4	4.3	193.3	12.5	210.1
June	1.0	1.1	0.8	19.1	1.4	21.2	15.1	15.5	4.3	194.0	9.3	207.6
July	1.0	1.1	0.8	19.9	1.2	21.9	15.1	15.4	4.4	196.8	8.9	210.1
August	1.1	1.1	0.8	20.0	1.3	22.2	15.8	16.2	4.5	198.9	9.9	213.4
September	1.0	1.1	0.7	19.0	1.2	20.9	14.8	15.2	4.2	188.7	10.3	203.2

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. Sales to end users Year month Sales for resale - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding. - The 4th quarter of 1993 was a transitional period between the predecessor EIA-782 survey system and the revised EIA-782 survey system. The revised survey system contains additional product and sales categories, which may not be consistent with categories derived from the predecessor survey system. Beginning January 1994 all data are from the revised survey system and are consistent.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type
dollars per gallon excluding taxes

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.764	0.758	0.720	0.569	0.543	0.638	0.879	0.873	0.770	0.628	W	0.728
1995	0.749	0.744	0.707	0.605	0.573	0.650	0.836	0.833	0.753	0.651	-	0.723
1996	0.834	0.830	0.788	0.698	0.677	0.738	0.924	0.921	0.837	0.741	W	0.809
1997	0.830	0.828	0.787	0.682	0.668	0.731	0.928	0.925	0.840	0.725	W	0.807
1998	0.668	0.665	0.616	0.509	0.484	0.557	0.769	0.767	0.673	0.553	W	0.638
1999	0.804	0.80	0.752	0.642	0.601	0.686	0.895	0.892	0.807	0.676	NA	0.767
2000	1.126	1.123	1.058	0.978	0.953	1.012	1.219	1.217	1.114	1.014	-	1.085
2001	1.059	1.056	1.001	0.893	0.856	0.938	1.166	1.163	1.061	0.942	-	1.027
2002	0.946	0.944	0.906	0.834	0.779	0.861	1.052	1.050	0.988	0.875	-	0.958
2003	1.196	1.192	1.168	1.006	0.962	1.069	1.293	1.290	1.224	1.047	-	1.165
2004	1.472	1.470	1.447	1.299	1.248	1.353	1.572	1.570	1.494	1.340	-	1.436
2005	1.850	1.848	1.787	1.682	1.619	1.711	1.945	1.944	1.834	1.726	-	1.789
2006	2.166	2.164	2.097	2.002	1.885	2.030	2.275	2.274	2.170	2.078	-	2.129
2007	2.362	2.360	2.288	2.186	2.175	2.221	2.490	2.489	2.368	2.256	-	2.316
2008	2.812	2.810	2.703	2.553	2.642	2.607	2.934	2.934	2.788	2.652	-	2.721
2009	1.927	1.925	1.878	1.770	1.782	1.806	2.066	2.066	1.981	1.855	-	1.914
2010	2.342	2.339	2.265	2.159	2.141	2.188	2.485	2.485	2.362	2.229	-	2.280
2011	3.089	3.085	2.973	2.874	2.831	2.895	3.233	3.233	3.062	2.954	-	2.990
2012	3.219	3.212	3.111	2.956	2.947	2.988	3.372	3.372	3.213	3.047	-	3.098
2013	3.110	3.101	2.948	2.830	2.869	2.856	3.268	3.268	3.066	2.939	-	2.979
2014	2.946	2.938	2.784	2.614	2.663	2.647	3.111	3.111	2.920	2.746	-	2.788
2015	2.159	2.158	2.174	1.728	1.775	1.807	2.404	2.404	2.321	1.892	-	1.989
2016	1.808	1.807	1.762	1.433	1.462	1.490	2.047	2.047	1.913	1.579	-	1.655
2017	2.048	2.047	2.009	1.672	1.717	1.729	2.303	2.303	2.164	1.815	-	1.891
2018												
January	2.183	2.182	2.116	1.829	1.907	1.878	2.437	2.437	2.305	1.973	-	2.049
February	2.247	2.246	2.211	1.795	1.888	1.866	2.534	2.534	2.389	1.954	-	2.053
March	2.284	2.282	2.300	1.892	1.948	1.961	2.572	2.572	2.505	2.059	-	2.160
April	2.416	2.415	2.458	2.060	2.132	2.129	2.684	2.684	2.626	2.217	-	2.313
May	2.591	2.590	2.591	2.227	2.246	2.287	2.849	2.849	2.734	2.366	-	2.447
June	2.576	2.575	2.544	2.141	2.174	2.208	2.840	2.840	2.653	2.271	-	2.354
July	2.522	2.522	2.489	2.141	2.160	2.199	2.781	2.781	2.641	2.272	-	2.355
August	2.500	2.499	2.446	2.093	2.127	2.153	2.764	2.764	2.600	2.220	-	2.301
September	2.512	2.511	2.532	2.106	2.171	2.179	2.791	2.791	2.708	2.259	-	2.360
October	2.569	2.568	2.652	2.048	2.167	2.152	2.873	2.873	2.799	2.233	-	2.361
November	2.375	2.373	2.373	1.682	1.813	1.799	2.713	2.713	2.462	1.857	-	1.997
December	2.164	2.163	2.140	1.504	1.548	1.610	2.496	2.496	2.265	1.695	-	1.825
2018	2.417	2.416	2.409	1.964	2.029	2.039	2.699	2.699	2.562	2.126	-	2.224
2019												
January	2.038	2.036	2.049	1.494	1.527	1.584	2.355	2.355	2.207	1.689	-	1.807
February	2.088	2.086	2.109	1.639	1.684	1.718	2.380	2.380	2.326	1.841	-	1.956
March	2.258	2.256	2.280	1.902	1.918	1.965	2.538	2.538	2.479	2.083	-	2.173
April	2.710	2.709	2.778	2.200	2.336	2.300	2.979	2.979	2.988	2.414	-	2.547
May	2.779	2.771	2.796	2.156	2.187	2.260	3.059	3.059	2.964	2.330	-	2.462
June	2.593	2.586	2.538	1.927	1.886	2.025	2.871	2.871	2.716	2.084	-	2.219
July	2.538	2.532	2.448	1.998	1.992	2.070	2.807	2.807	2.658	2.148	-	2.249
August	2.427	2.421	2.342	1.809	1.814	1.896	2.732	2.732	2.534	1.986	-	2.096
September	2.400	2.393	2.489	1.845	1.950	1.953	2.748	2.748	2.723	2.091	-	2.223

See footnotes at end of table.

Table 10. U.S. refiner reformulated motor gasoline prices by grade and sales type (cont.)
dollars per gallon excluding taxes

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average	Through retail outlets	Average[a]	DTW	Rack	Bulk	Average
1994	0.966	0.958	0.861	0.677	0.558	0.777	0.831	0.824	0.771	0.599	0.547	0.687
1995	0.929	0.924	0.841	0.704	0.616	0.785	0.808	0.803	0.756	0.632	0.582	0.696
1996	1.002	0.998	0.910	0.791	0.709	0.859	0.882	0.878	0.828	0.720	0.682	0.774
1997	1.005	1.003	0.910	0.775	0.686	0.853	0.876	0.874	0.825	0.703	0.671	0.767
1998	0.847	0.845	0.741	W	0.516	0.680	0.717	0.714	0.657	0.529	0.489	0.593
1999	0.966	0.963	0.870	0.717	0.639	0.798	0.845	0.841	0.788	0.658	0.608	0.718
2000	1.297	1.291	1.189	1.064	0.972	1.125	1.164	1.160	1.092	0.993	0.957	1.039
2001	1.239	1.234	1.133	0.983	0.890	1.065	1.10	1.096	1.034	0.909	0.859	0.966
2002	1.124	1.119	1.046	0.930	0.832	0.991	0.987	0.985	0.944	0.851	0.785	0.891
2003	1.366	1.362	1.292	1.099	1.028	1.201	1.233	1.229	1.197	1.021	0.969	1.097
2004	1.655	1.652	1.574	1.399	1.348	1.489	1.510	1.507	1.474	1.313	1.257	1.378
2005	2.031	2.029	1.912	1.791	1.766	1.847	1.883	1.881	1.812	1.697	1.635	1.733
2006	2.369	2.367	2.239	2.149	2.004	2.183	2.202	2.20	2.125	2.020	1.906	2.055
2007	2.601	2.599	2.468	2.367	2.346	2.415	2.404	2.402	2.322	2.208	2.192	2.250
2008	3.003	3.001	2.845	2.70	2.826	2.772	2.845	2.843	2.728	2.569	2.659	2.629
2009	2.177	2.174	2.067	1.968	1.899	2.011	1.971	1.969	1.913	1.793	1.791	1.834
2010	2.587	2.584	2.446	2.343	2.247	2.380	2.386	2.383	2.299	2.182	2.150	2.215
2011	3.334	3.331	3.145	3.067	2.940	3.090	3.132	3.128	3.003	2.898	2.837	2.921
2012	3.478	3.473	3.288	3.201	3.175	3.225	3.265	3.259	3.143	2.986	2.961	3.020
2013	3.371	3.365	3.132	3.103	3.071	3.110	3.160	3.152	2.982	2.866	2.882	2.892
2014	3.206	3.202	2.949	2.867	2.642	2.886	3.005	2.996	2.818	2.648	2.661	2.682
2015	2.516	2.516	2.357	2.066	2.145	2.144	2.242	2.240	2.214	1.777	1.799	1.860
2016	2.201	2.201	1.986	1.755	1.710	1.816	1.900	1.899	1.814	1.481	1.484	1.543
2017	2.468	2.468	2.243	1.974	1.960	2.043	2.143	2.142	2.064	1.717	1.747	1.781
2018												
January	2.602	2.602	2.368	2.106	2.170	2.175	2.275	2.274	2.175	1.869	1.936	1.926
February	2.703	2.703	2.458	2.088	2.146	2.185	2.348	2.347	2.269	1.838	1.915	1.917
March	2.738	2.738	2.566	2.185	2.224	2.283	2.386	2.385	2.361	1.935	1.975	2.013
April	2.855	2.855	2.695	2.350	2.393	2.442	2.511	2.510	2.513	2.102	2.167	2.180
May	3.008	3.008	2.819	2.500	2.549	2.582	2.683	2.682	2.643	2.267	2.275	2.335
June	3.000	3.000	2.756	2.412	2.404	2.500	2.669	2.668	2.593	2.181	2.198	2.254
July	2.942	2.942	2.720	2.426	2.412	2.501	2.615	2.615	2.542	2.183	2.184	2.247
August	2.925	2.925	2.685	2.362	2.329	2.445	2.594	2.593	2.501	2.133	2.149	2.200
September	2.953	2.953	2.779	2.393	2.411	2.494	2.611	2.610	2.589	2.148	2.204	2.230
October	3.051	3.051	2.882	2.352	2.445	2.491	2.673	2.672	2.705	2.093	2.213	2.206
November	2.881	2.881	2.573	1.980	2.033	2.133	2.489	2.487	2.419	1.726	1.840	1.853
December	2.664	2.664	2.356	1.798	1.810	1.942	2.279	2.278	2.191	1.548	1.584	1.665
2018	2.864	2.864	2.641	2.249	2.277	2.351	2.516	2.515	2.463	2.006	2.058	2.090
2019												
January	2.532	2.532	2.280	1.780	1.801	1.908	2.151	2.149	2.103	1.536	1.562	1.637
February	2.550	2.550	2.371	1.930	1.927	2.042	2.194	2.192	2.171	1.683	1.719	1.772
March	2.706	2.706	2.537	2.186	2.151	2.274	2.360	2.359	2.339	1.944	1.950	2.016
April	3.165	3.165	3.028	2.511	2.722	2.646	2.810	2.808	2.835	2.246	2.385	2.356
May	3.238	3.229	3.027	2.481	2.587	2.617	2.878	2.871	2.848	2.204	2.222	2.317
June	3.042	3.034	2.782	2.249	2.194	2.379	2.692	2.685	2.594	1.975	1.923	2.082
July	2.977	2.971	2.720	2.329	2.297	2.424	2.635	2.630	2.510	2.047	2.036	2.128
August	2.903	2.895	2.611	2.146	2.175	2.261	2.535	2.529	2.404	1.860	1.865	1.956
September	2.923	2.914	2.775	2.211	2.347	2.352	2.523	2.516	2.555	1.901	2.002	2.019

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type
million gallons per day

Year month	Regular						Midgrade					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.6	0.6	2.1	1.6	0.6	4.3	0.2	0.2	0.7	0.3	W	1.0
1995	7.8	8.1	20.7	W	W	43.3	3.0	3.1	7.4	3.1	-	10.5
1996	10.7	11.1	26.1	20.5	8.0	54.6	3.3	3.4	7.9	3.3	W	11.3
1997	13.4	13.8	28.0	21.7	7.6	57.3	3.6	3.7	7.9	3.1	W	11.0
1998	14.3	14.5	28.6	23.0	8.3	59.9	3.7	3.8	7.4	3.1	W	10.5
1999	14.5	14.8	29.8	26.1	9.6	65.5	3.6	3.7	7.0	3.1	NA	10.2
2000	15.5	15.9	32.1	29.1	8.5	69.6	3.3	3.4	6.2	2.6	-	8.8
2001	16.3	16.7	32.7	30.0	9.0	71.7	3.3	3.3	5.7	2.2	-	7.9
2002	16.9	17.2	33.1	30.4	8.2	71.7	3.3	3.3	5.6	2.1	-	7.6
2003	17.7	18.0	30.9	35.1	7.6	73.6	3.1	3.1	4.1	2.0	-	6.1
2004	16.2	16.5	29.5	39.7	6.1	75.3	2.6	2.6	3.3	2.0	-	5.2
2005	17.1	17.4	27.5	43.5	9.5	80.4	2.6	2.6	2.5	1.8	-	4.2
2006	17.7	18.0	26.8	45.7	3.4	75.9	2.5	2.5	1.9	1.5	-	3.4
2007	17.4	17.6	26.7	45.4	3.8	75.9	2.4	2.4	1.6	1.3	-	2.9
2008	16.6	16.9	25.4	48.1	4.2	77.7	2.0	2.0	1.1	1.1	-	2.2
2009	14.0	14.3	25.8	49.8	3.4	79.0	1.7	1.7	1.0	1.1	-	2.1
2010	11.7	11.9	23.1	54.5	4.2	81.9	1.3	1.3	0.7	1.2	-	1.9
2011	10.8	11.1	19.5	57.6	4.2	81.3	1.2	1.2	0.5	1.1	-	1.6
2012	9.2	9.5	17.4	60.3	4.0	81.7	1.0	1.0	0.5	1.0	-	1.5
2013	7.6	7.9	16.5	59.3	3.5	79.3	0.9	0.9	0.4	1.0	-	1.4
2014	5.5	5.7	14.6	62.0	2.1	78.8	0.7	0.7	0.3	0.9	-	1.2
2015	6.8	6.8	14.1	63.5	2.8	80.3	0.9	0.9	0.2	0.8	-	1.1
2016	6.7	6.7	13.9	64.6	3.1	81.6	0.9	0.9	0.2	0.8	-	1.0
2017	6.7	6.8	13.4	65.0	2.6	81.0	0.9	0.9	0.2	0.6	-	0.8
2018												
January	6.3	6.3	12.5	62.1	2.7	77.3	0.8	0.8	0.2	0.5	-	0.7
February	6.5	6.5	13.3	64.9	3.3	81.4	0.9	0.9	0.2	0.5	-	0.7
March	6.8	6.8	13.7	65.8	3.4	82.8	0.9	0.9	0.2	0.5	-	0.7
April	6.8	6.8	13.9	65.9	2.8	82.6	0.9	0.9	0.2	0.5	-	0.7
May	6.9	7.0	13.8	67.6	2.8	84.1	0.9	0.9	0.2	0.6	-	0.7
June	7.2	7.2	13.8	67.8	3.0	84.5	0.9	0.9	0.2	0.6	-	0.7
July	7.1	7.1	13.6	65.6	3.6	82.8	0.9	0.9	0.2	0.6	-	0.7
August	7.2	7.2	14.0	67.5	3.2	84.7	1.0	1.0	0.2	0.6	-	0.7
September	7.0	7.0	13.6	65.3	2.7	81.7	0.9	0.9	0.1	0.5	-	0.7
October	7.1	7.1	13.5	66.1	2.3	81.9	0.9	0.9	0.1	0.5	-	0.6
November	6.9	6.9	13.2	65.5	2.3	81.0	0.9	0.9	0.1	0.5	-	0.6
December	6.9	6.9	13.2	64.4	2.7	80.2	0.9	0.9	0.1	0.4	-	0.6
2018	6.9	6.9	13.5	65.7	2.9	82.1	0.9	0.9	0.2	0.5	-	0.7
2019												
January	6.5	6.5	12.5	62.3	3.0	77.7	0.9	0.9	0.1	0.4	-	0.5
February	6.6	6.6	13.2	63.8	2.9	79.8	0.9	0.9	0.1	0.4	-	0.5
March	6.8	6.9	13.2	63.8	2.8	79.8	0.9	0.9	0.1	0.4	-	0.5
April	6.7	6.8	13.6	65.7	2.5	81.8	0.9	0.9	0.1	0.4	-	0.6
May	6.8	6.9	13.4	66.5	3.1	83.0	0.9	0.9	0.1	0.5	-	0.6
June	7.0	7.0	13.5	67.2	2.9	83.6	0.9	0.9	0.1	0.5	-	0.6
July	6.9	6.9	13.2	65.8	2.3	81.3	0.9	0.9	0.1	0.5	-	0.6
August	7.1	7.2	13.7	68.3	2.5	84.4	0.9	0.9	0.1	0.5	-	0.6
September	6.4	6.5	13.4	66.5	2.6	82.5	0.9	0.9	0.1	0.5	-	0.6

See footnotes at end of table.

Table 11. U.S. refiner reformulated motor gasoline volumes by grade and sales type (cont.)
million gallons per day

Year month	Premium						All grades					
	Sales to end users		Sales for resale				Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total	Through retail outlets	Total[a]	DTW	Rack	Bulk	Total
1994	0.2	0.2	1.2	0.5	0.2	1.9	1.0	1.0	4.0	2.4	0.8	7.2
1995	3.1	3.2	12.0	W	W	18.9	14.0	14.4	40.1	25.9	6.6	72.6
1996	3.1	3.2	11.7	5.3	1.5	18.6	17.0	17.6	45.7	29.2	9.6	84.5
1997	3.4	3.5	11.5	5.3	1.5	18.2	20.3	21.0	47.4	30.1	9.1	86.6
1998	3.8	3.9	12.2	W	1.6	19.8	21.8	22.2	48.2	32.0	9.9	90.1
1999	3.4	3.5	11.4	6.3	1.9	19.6	21.5	22.0	48.2	35.6	11.5	95.2
2000	3.0	3.1	9.6	5.4	1.9	16.8	21.9	22.4	47.9	37.0	10.4	95.2
2001	3.2	3.2	9.2	5.4	1.1	15.7	22.7	23.3	47.7	37.6	10.0	95.3
2002	3.4	3.5	9.5	5.6	1.1	16.3	23.6	24.1	48.2	38.0	9.3	95.6
2003	3.5	3.6	8.5	5.9	1.0	15.3	24.2	24.7	43.5	43.0	8.6	95.1
2004	3.1	3.1	7.4	6.0	0.6	14.1	21.9	22.3	40.2	47.7	6.7	94.6
2005	2.8	2.8	6.5	6.0	1.2	13.6	22.6	22.9	36.4	51.2	10.6	98.3
2006	2.7	2.7	5.9	5.9	0.7	12.5	22.9	23.2	34.6	53.1	4.1	91.8
2007	2.6	2.7	5.8	5.9	0.4	12.1	22.4	22.7	34.0	52.6	4.3	90.9
2008	2.4	2.4	5.0	5.4	0.4	10.8	21.0	21.3	31.5	54.6	4.6	90.8
2009	2.3	2.3	5.3	6.1	0.3	11.8	17.9	18.3	32.1	57.1	3.7	92.9
2010	1.9	1.9	4.9	7.4	0.4	12.7	14.9	15.2	28.8	63.1	4.7	96.5
2011	1.7	1.7	3.9	7.7	0.2	11.8	13.7	13.9	23.9	66.4	4.4	94.7
2012	1.5	1.5	3.5	8.4	0.3	12.1	11.7	12.0	21.4	69.7	4.3	95.4
2013	1.4	1.4	3.5	8.7	0.2	12.4	9.9	10.2	20.5	69.0	3.7	93.1
2014	1.2	1.2	3.5	9.4	0.2	13.0	7.5	7.7	18.4	72.3	2.3	93.0
2015	1.5	1.5	3.8	10.4	0.2	14.4	9.2	9.2	18.1	74.7	3.0	95.8
2016	1.6	1.6	4.1	11.1	0.3	15.5	9.2	9.2	18.2	76.5	3.4	98.1
2017	1.5	1.5	4.1	11.2	0.4	15.7	9.2	9.2	17.6	76.9	3.0	97.5
2018												
January	1.3	1.3	3.8	10.4	0.3	14.5	8.4	8.5	16.4	73.1	3.1	92.5
February	1.4	1.4	3.9	10.8	0.4	15.2	8.7	8.7	17.4	76.3	3.6	97.3
March	1.5	1.5	3.9	11.2	0.4	15.5	9.2	9.2	17.8	77.5	3.8	99.0
April	1.4	1.4	4.1	11.1	0.4	15.7	9.1	9.1	18.2	77.6	3.2	99.0
May	1.5	1.5	4.0	11.5	0.3	15.8	9.3	9.4	17.9	79.6	3.1	100.6
June	1.5	1.5	4.0	11.4	0.4	15.7	9.6	9.7	17.9	79.7	3.3	100.9
July	1.5	1.5	4.0	11.1	0.4	15.5	9.5	9.5	17.8	77.2	4.0	99.0
August	1.6	1.6	4.1	11.4	0.4	15.9	9.7	9.7	18.2	79.4	3.6	101.3
September	1.5	1.5	4.0	11.1	0.4	15.6	9.4	9.5	17.8	76.9	3.1	97.9
October	1.5	1.5	3.9	11.0	0.5	15.4	9.5	9.5	17.6	77.5	2.7	97.9
November	1.5	1.5	3.9	11.1	0.3	15.3	9.2	9.3	17.3	77.1	2.6	97.0
December	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.3	75.9	3.1	96.3
2018	1.5	1.5	4.0	11.1	0.4	15.5	9.3	9.3	17.6	77.3	3.3	98.2
2019												
January	1.5	1.5	3.8	10.6	0.4	14.8	8.8	8.9	16.4	73.3	3.4	93.0
February	1.5	1.5	3.9	11.1	0.5	15.5	9.0	9.0	17.2	75.3	3.4	95.9
March	1.6	1.6	3.9	11.0	0.4	15.3	9.3	9.3	17.2	75.2	3.2	95.6
April	1.4	1.4	3.9	11.2	0.4	15.5	9.1	9.1	17.6	77.4	2.9	97.8
May	1.4	1.5	3.8	11.4	0.3	15.5	9.2	9.2	17.3	78.4	3.4	99.1
June	1.5	1.5	3.9	11.6	0.4	16.0	9.4	9.5	17.6	79.3	3.3	100.2
July	1.5	1.5	3.8	11.5	0.4	15.7	9.3	9.4	17.1	77.8	2.7	97.6
August	1.6	1.6	4.0	12.0	0.4	16.4	9.6	9.7	17.8	80.8	2.9	101.4
September	1.5	1.5	3.9	11.8	0.4	16.1	8.8	8.9	17.5	78.7	3.0	99.2

NA = Not available.

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report.

Table 16. U.S. refiner residual fuel oil prices

dollars per gallon excluding taxes

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Average	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	0.401	0.345	0.330	0.287	0.352	0.317
1995	0.436	0.383	0.377	0.338	0.392	0.363
1996	0.526	0.456	0.433	0.389	0.455	0.420
1997	0.488	0.415	0.403	0.366	0.423	0.387
1998	0.354	0.299	0.287	0.269	0.305	0.280
1999	0.405	0.382	0.362	0.329	0.374	0.354
2000	0.708	0.627	0.566	0.512	0.602	0.566
2001	0.642	0.523	0.492	0.428	0.531	0.476
2002	0.640	0.546	0.544	0.508	0.569	0.530
2003	0.804	0.728	0.651	0.588	0.698	0.661
2004	0.835	0.764	0.692	0.601	0.739	0.681
2005	1.168	1.115	0.974	0.842	1.048	0.971
2006	1.342	1.202	1.173	1.085	1.218	1.136
2007	1.436	1.406	1.350	1.314	1.374	1.350
2008	2.144	1.918	1.889	1.843	1.964	1.866
2009	1.413	1.337	1.306	1.344	1.341	1.342
2010	1.920	1.756	1.619	1.679	1.713	1.697
2011	2.736	2.389	2.257	2.316	2.401	2.336
2012	3.025	2.548	2.433	2.429	2.592	2.457
2013	2.883	2.363	2.353	2.249	2.482	2.278
2014	2.694	2.153	2.221	1.996	2.325	2.044
2015	1.529	0.971	1.227	0.999	1.285	0.996
2016	1.138	0.736	0.897	0.746	0.945	0.745
2017	W	1.112	1.237	1.117	1.287	1.116
2018						
January	W	1.301	1.476	1.311	1.507	1.310
February	W	1.221	1.415	1.325	1.490	1.319
March	W	1.227	1.386	1.306	1.452	1.302
April	W	1.311	1.438	1.349	1.504	1.348
May	W	1.462	1.615	1.501	1.667	1.500
June	W	1.487	1.643	1.558	1.731	1.553
July	W	1.543	1.709	1.583	1.767	1.581
August	W	1.499	1.680	1.552	1.764	1.549
September	W	1.520	1.696	1.561	1.761	1.560
October	W	1.620	1.816	1.703	1.875	1.700
November	W	1.360	1.731	1.562	1.827	1.556
December	W	1.252	1.467	1.295	1.608	1.293
2018	W	1.397	1.587	1.466	1.662	1.463
2019						
January	W	1.626	1.417	1.326	1.425	1.357
February	W	1.808	1.553	1.458	1.568	1.508
March	W	W	1.606	1.542	1.639	1.581
April	W	W	1.648	1.549	1.685	1.577
May	W	W	1.607	1.502	1.635	1.505
June	W	W	1.527	1.367	1.601	1.372
July	W	1.455	1.572	1.492	1.625	1.489
August	W	1.331	1.345	1.235	1.466	1.247
September	W	W	1.511	1.326	1.560	1.337

NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 17. U.S. refiner residual fuel oil volumes

million gallons per day

Year month	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
1994	4.2	6.6	9.3	6.2	13.5	12.8
1995	2.9	7.7	8.7	5.9	11.6	13.6
1996	3.1	6.3	9.8	7.4	12.9	13.8
1997	3.2	4.8	10.3	6.7	13.4	11.5
1998	3.9	5.7	10.5	9.6	14.4	15.4
1999	3.9	5.3	10.0	6.2	13.9	11.5
2000	3.3	4.9	9.8	5.6	13.1	10.5
2001	3.8	5.2	11.0	5.1	14.8	10.3
2002	2.7	5.1	7.8	3.7	10.4	8.8
2003	3.3	3.5	7.4	3.2	10.7	6.7
2004	3.4	2.9	6.8	3.0	10.2	5.9
2005	4.0	2.2	6.4	2.5	10.4	4.7
2006	2.8	2.8	7.6	3.6	10.4	6.5
2007	3.1	3.2	7.8	5.0	10.9	8.2
2008	2.5	2.9	5.9	6.6	8.4	9.5
2009	2.8	2.9	5.7	6.9	8.5	9.8
2010	2.4	2.6	5.2	8.1	7.6	10.7
2011	1.9	3.4	4.5	8.8	6.4	12.2
2012	1.5	2.1	4.0	6.8	5.5	8.8
2013	1.3	2.3	3.9	6.7	5.2	9.0
2014	1.0	2.4	3.6	5.6	4.6	8.0
2015	0.8	0.9	3.3	7.1	4.0	8.1
2016	0.8	0.8	3.3	7.6	4.2	8.4
2017	W	0.5	W	6.6	4.0	7.1
2018						
January	W	0.4	W	8.5	3.7	8.9
February	W	0.4	W	7.2	3.6	7.7
March	W	0.4	W	7.0	3.6	7.4
April	W	0.3	W	6.7	3.5	7.0
May	W	0.4	W	8.0	3.2	8.4
June	W	0.6	W	7.4	3.0	8.1
July	W	0.5	W	6.8	3.5	7.3
August	W	0.5	W	7.1	3.2	7.6
September	W	0.2	W	7.6	3.6	7.8
October	W	0.2	W	7.0	3.8	7.3
November	W	0.2	W	6.5	3.4	6.7
December	W	0.5	W	6.8	3.5	7.3
2018	W	0.4	W	7.2	3.5	7.6
2019						
January	W	0.8	W	7.0	2.8	7.9
February	W	1.1	W	6.5	2.3	7.6
March	W	W	W	W	2.2	6.9
April	W	W	W	W	2.4	9.3
May	W	W	W	W	2.0	7.4
June	W	W	W	W	3.3	7.7
July	W	0.4	W	6.1	2.8	6.5
August	W	1.0	W	7.3	2.6	8.4
September	W	W	W	W	3.2	7.5

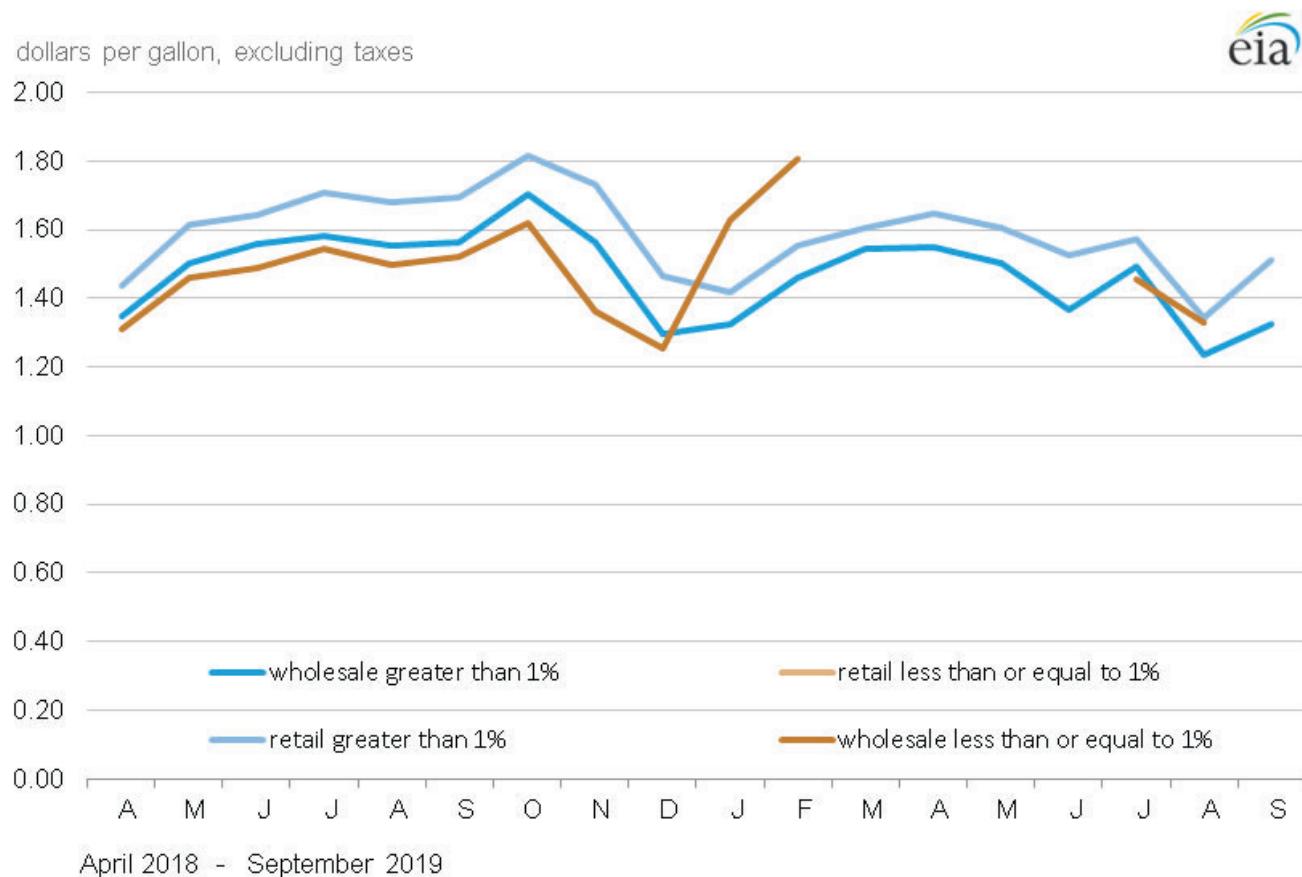
NA = Not available.

R = Revised data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Figure 7. U.S. Refiner residual fuel oil prices



Source: U.S. Energy Information Administration, Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Crude Oil Prices

Table 18. Domestic crude oil first purchase prices
dollars per barrel

Year month	U.S. Average		PAD District 1				PAD District 2						
	U.S. Average	Less AK North Slope	Average	NY	PA	WV	Average	IL	IN	KS	KY	MI	NE
1997	17.23	17.92	19.25	18.49	18.79	17.56	18.60	19.11	18.73	18.63	17.97	18.75	18.10
1998	10.87	11.51	13.21	13.66	13.67	11.95	12.29	12.78	12.49	12.19	11.67	12.39	11.50
1999	15.56	16.38	17.36	18.65	18.49	16.46	17.27	17.37	17.31	17.08	16.68	16.63	17.21
2000	26.72	27.48	28.12	28.78	28.80	27.12	28.49	28.14	27.91	28.16	26.47	28.12	27.97
2001	21.84	22.77	23.98	24.19	24.82	22.35	23.95	23.76	23.46	23.56	22.53	22.69	23.67
2002	22.51	23.33	23.94	24.28	24.86	22.55	24.05	23.84	23.43	23.61	22.49	23.68	23.62
2003	27.56	28.47	29.12	28.91	29.60	28.06	29.24	29.10	28.38	28.68	27.21	29.18	28.63
2004	36.77	37.63	39.08	39.40	39.48	38.38	39.40	38.74	38.18	39.18	36.82	39.14	38.42
2005	50.28	51.02	53.84	54.64	54.57	53.75	53.33	51.20	51.02	53.41	49.45	53.67	52.38
2006	59.69	60.22	63.99	63.51	64.02	63.07	60.48	59.70	59.31	60.74	58.33	60.89	57.77
2007	66.52	67.04	69.00	69.46	70.00	67.27	67.16	65.66	65.47	66.85	63.60	66.87	62.78
2008	94.04	94.72	96.60	W	96.76	95.07	92.51	93.48	91.92	92.08	90.87	95.75	87.99
2009	56.35	56.65	56.56	W	56.96	55.77	55.00	55.47	55.65	54.41	55.24	56.39	50.93
2010	74.71	75.04	71.74	W	69.80	70.74	72.45	73.18	72.82	72.43	70.63	74.91	69.65
2011	95.73	95.35	90.77	W	87.16	86.56	89.38	88.73	88.15	88.52	86.00	92.40	85.48
2012	94.52	94.11	91.19	W	88.41	87.16	86.29	88.74	88.62	87.85	87.02	90.91	84.95
2013	95.99	96.00	92.45	W	89.84	91.26	91.64	92.94	93.04	91.85	91.17	96.50	87.44
2014	87.39	87.45	82.20	W	80.07	82.46	85.01	87.66	87.88	86.80	86.61	89.46	82.82
2015	44.39	44.58	37.65	W	38.98	33.72	42.44	43.97	44.51	43.16	45.38	45.38	40.10
2016	38.29	38.64	34.88	W	38.50	31.11	37.62	38.85	38.97	37.87	39.95	43.07	36.22
2017	48.05	48.23	44.96	W	45.93	43.34	47.39	47.02	46.76	45.95	47.33	51.51	44.33
2018													
January	62.25	62.38	57.79	W	57.76	55.46	61.44	59.93	59.72	59.00	60.42	64.33	57.40
February	61.18	61.36	56.69	W	56.82	54.52	59.67	58.47	58.26	57.64	58.91	62.81	56.04
March	60.68	60.82	57.27	W	57.73	55.69	59.65	59.18	58.89	58.35	59.75	63.48	56.78
April	63.50	63.58	60.40	W	61.22	58.72	63.04	62.62	62.27	61.75	62.83	67.51	60.07
May	66.16	66.14	64.27	W	65.17	62.09	66.36	66.19	65.96	65.35	66.52	70.94	63.82
June	62.80	62.70	62.48	W	62.30	60.46	63.75	63.75	63.46	62.73	63.99	68.40	61.12
July	67.00	66.96	66.20	W	65.40	63.59	68.09	67.27	67.03	66.47	67.66	71.55	64.67
August	62.64	62.49	61.95	W	62.18	60.36	65.82	64.25	64.03	63.74	64.66	68.89	61.78
September	63.54	63.20	64.38	W	64.32	62.46	67.31	66.57	66.24	65.75	66.85	71.17	63.95
October	65.18	64.92	65.27	W	64.94	63.33	67.58	67.11	66.84	66.29	67.52	70.37	64.63
November	55.65	55.57	52.11	W	51.17	50.13	52.46	53.30	53.14	52.46	54.58	56.28	50.76
December	47.63	47.47	43.98	W	43.42	41.67	40.58	45.30	45.10	44.30	45.45	48.47	42.05
2018	61.40	61.35	59.41	W	59.52	57.30	61.15	61.24	60.98	60.45	61.84	65.51	58.61
2019													
January	47.85	47.51	46.09	W	45.91	43.93	46.08	48.07	47.82	46.96	48.30	50.98	44.76
February	52.51	52.22	49.49	W	49.40	47.13	51.86	51.68	51.35	50.52	51.72	54.39	48.29
March	57.47	57.30	52.74	W	52.25	49.93	54.91	54.69	54.41	53.55	54.84	57.44	51.56
April	63.01	62.95	58.23	W	58.22	55.38	60.99	60.39	60.11	59.24	60.49	63.23	57.32
May	59.68	59.50	55.96	W	55.50	53.64	57.66	57.40	57.19	56.52	57.64	60.18	54.59
June	54.22	54.08	49.61	W	49.53	46.60	51.56	54.56	56.78	50.40	53.48	54.15	48.31
July	56.47	56.39	52.84	W	52.64	50.37	54.01	52.62	51.59	53.00	53.95	56.86	50.99
August	53.63	53.69	49.33	W	49.07	47.49	51.21	52.96	53.52	50.39	51.64	54.15	48.39
September	55.07	55.12	50.74	W	51.43	48.91	52.80	52.20	51.50	52.24	52.52	56.37	50.28

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 2 (cont.)					PAD District 3					Federal	
	ND	OH	OK	SD	Average	AL	AR	LA	MS	NM	TX	Offshore Gulf
1997	17.63	17.77	19.05	17.80	18.69	18.58	17.58	19.22	16.94	19.02	18.66	18.63
1998	11.39	12.20	12.73	12.29	12.19	12.08	11.10	12.59	10.33	12.36	12.28	12.03
1999	16.70	16.41	17.77	16.86	17.07	16.71	15.89	17.73	15.42	17.46	17.29	16.66
2000	28.19	27.49	29.08	28.18	28.22	27.63	26.98	29.03	26.23	28.80	28.60	27.59
2001	23.55	22.55	24.68	23.89	23.43	23.18	21.82	24.51	21.13	23.72	23.41	23.29
2002	24.15	22.61	24.49	23.96	23.74	23.39	21.50	24.84	22.11	24.11	23.77	23.49
2003	29.27	28.18	29.72	28.94	29.08	28.97	26.57	30.52	27.46	29.52	29.13	28.72
2004	39.30	38.27	39.95	38.40	38.41	38.79	36.67	40.48	37.03	39.25	38.79	37.07
2005	52.38	53.47	54.46	50.65	51.96	53.26	50.86	54.05	49.58	52.84	52.61	49.78
2006	56.69	62.89	63.11	51.85	61.49	63.16	58.67	64.23	59.35	61.74	61.31	60.80
2007	65.30	68.09	69.31	62.78	68.37	71.10	64.25	71.63	68.65	68.94	68.30	67.40
2008	88.68	96.43	96.15	87.42	97.64	96.71	90.91	100.89	94.60	96.23	96.85	99.10
2009	53.75	56.35	56.56	50.75	57.77	55.25	53.07	59.18	58.29	57.08	57.40	58.22
2010	70.26	73.68	75.18	69.04	76.57	75.54	71.01	78.25	76.41	75.64	76.23	77.06
2011	88.74	90.79	90.94	87.08	96.79	105.99	87.61	106.20	100.43	90.93	91.99	105.65
2012	84.06	92.87	89.97	83.10	96.11	104.81	89.39	105.97	100.80	88.01	92.50	105.95
2013	90.22	94.89	94.25	89.28	97.53	103.10	92.98	105.18	100.44	92.13	95.80	103.29
2014	82.89	83.95	89.25	82.78	88.43	89.73	85.23	94.13	90.81	83.44	87.02	93.33
2015	41.42	38.40	44.96	42.73	45.61	44.55	43.04	48.43	46.81	44.40	44.95	47.67
2016	36.51	37.04	39.51	36.39	39.19	38.53	37.21	41.08	39.18	39.18	39.35	38.63
2017	47.04	46.14	48.41	45.60	48.50	48.34	44.60	50.37	48.06	47.90	48.57	48.46
2018												
January	61.75	59.25	61.50	59.18	62.57	63.85	57.22	65.57	63.42	61.57	62.87	61.88
February	59.65	58.01	60.22	57.96	61.89	62.04	55.97	63.51	61.25	60.85	61.78	62.60
March	58.98	58.65	61.01	58.64	61.07	60.42	56.82	62.69	60.29	60.51	61.22	60.85
April	62.48	62.01	64.37	61.65	63.53	63.69	59.74	65.82	63.41	62.86	63.84	62.81
May	65.72	65.45	67.83	65.31	65.64	67.75	62.52	69.99	67.39	63.02	65.38	67.34
June	63.01	62.82	65.35	62.37	61.79	66.92	59.79	68.65	66.31	55.59	60.18	68.51
July	67.85	66.20	69.08	66.09	66.33	73.20	64.46	74.52	72.38	60.02	65.14	71.30
August	65.31	62.95	67.58	64.32	61.08	66.46	61.44	68.81	66.25	54.43	59.40	67.61
September	66.76	65.10	68.91	64.57	61.32	70.34	63.86	71.80	69.46	52.97	59.54	69.46
October	67.14	65.85	68.92	64.92	63.33	72.92	65.67	74.03	72.26	54.87	61.44	71.93
November	51.24	52.20	54.95	49.68	56.19	59.77	51.81	60.82	59.35	48.55	52.93	67.76
December	37.06	44.18	46.74	38.89	49.25	51.44	43.90	52.47	51.20	43.59	46.59	58.94
2018	60.27	60.61	62.95	59.55	61.04	64.93	58.69	66.65	64.39	56.06	59.91	65.97
2019												
January	44.49	46.91	49.02	43.67	47.40	52.73	46.47	53.89	52.65	41.85	45.82	54.13
February	51.76	50.40	52.40	49.40	51.73	56.14	50.06	57.44	56.24	47.93	50.77	56.33
March	54.84	53.41	55.40	51.94	57.67	60.19	52.83	61.24	60.19	54.90	56.82	61.22
April	61.16	58.88	61.17	58.29	63.29	66.01	58.27	67.13	65.72	60.16	62.65	66.35
May	57.34	56.11	58.63	55.72	59.63	62.18	55.49	63.60	62.10	55.39	58.43	65.08
June	51.16	49.99	52.39	49.29	54.49	57.19	49.55	58.67	57.20	49.26	52.64	62.54
July	53.71	52.55	54.99	51.86	56.83	59.30	51.91	60.47	59.03	53.94	56.27	60.27
August	50.61	50.12	52.49	48.98	54.27	54.77	49.61	56.63	55.05	51.38	53.11	58.92
September	51.85	51.85	54.69	50.18	55.58	55.38	51.23	57.62	55.98	53.89	55.05	58.02

See footnotes at end of table.

Table 18. Domestic crude oil first purchase prices (cont.)

dollars per barrel

Year month	PAD District 4					PAD District 5				Federal Offshore CA	
	Average	CO	MT	UT	WY	Average	AK North Slope	AK Other	CA	Offshore CA	
1997	17.80	19.03	17.00	18.57	17.41	15.06	14.84	17.43	15.78	12.97	
1998	11.38	12.56	11.28	12.52	10.70	8.80	8.47	11.55	9.55	6.99	
1999	16.79	17.37	16.54	17.69	16.47	13.10	12.46	17.44	14.08	11.78	
2000	27.60	28.85	27.82	28.53	26.89	24.16	23.62	28.23	24.82	23.32	
2001	22.73	24.82	23.16	24.09	21.55	19.03	18.18	23.30	20.11	18.38	
2002	23.01	25.29	22.76	23.87	21.96	20.39	19.37	24.47	21.87	19.03	
2003	28.09	30.71	28.66	28.88	26.63	24.97	23.78	28.48	26.43	24.25	
2004	37.34	40.38	38.53	39.35	35.10	33.69	33.03	38.76	34.47	32.23	
2005	50.65	55.34	52.66	53.98	45.63	47.03	47.05	54.19	47.08	43.48	
2006	57.38	63.80	56.69	59.70	53.25	57.03	56.86	64.10	57.34	53.37	
2007	62.54	67.04	64.64	62.48	58.34	64.24	63.69	69.60	65.07	59.39	
2008	88.23	90.80	89.96	86.58	86.07	90.16	90.10	95.04	90.47	85.68	
2009	52.16	52.33	52.96	50.22	52.30	55.23	54.41	W	56.11	53.59	
2010	69.72	72.75	70.24	68.09	68.10	73.29	72.33	W	74.51	69.80	
2011	85.64	88.26	88.61	82.53	83.45	100.39	98.79	W	102.50	96.01	
2012	82.91	85.78	82.98	82.73	80.70	101.33	98.70	W	104.10	97.04	
2013	87.16	90.10	88.73	84.79	85.30	99.08	95.79	W	102.53	91.40	
2014	80.92	82.48	80.54	79.04	80.54	89.30	86.41	W	92.14	80.55	
2015	40.58	40.51	40.38	40.69	40.64	43.58	41.11	W	45.63	37.62	
2016	36.68	37.81	35.40	36.92	35.98	35.68	33.13	W	37.96	W	
2017	45.94	46.41	44.89	44.24	46.63	47.44	45.21	W	49.54	W	
2018											
January	58.46	58.71	58.60	56.49	59.06	63.33	60.38	W	66.66	W	
February	57.20	57.57	57.02	55.27	57.84	61.00	58.55	W	63.89	W	
March	57.73	57.93	57.01	56.65	58.24	61.13	58.55	W	64.23	W	
April	61.00	61.36	60.76	59.27	61.50	65.09	62.27	W	68.19	W	
May	64.46	64.72	64.02	61.55	65.61	69.57	66.50	W	73.12	W	
June	61.85	62.43	61.20	58.87	62.84	67.96	64.42	W	71.66	W	
July	65.25	65.53	66.34	61.19	66.86	70.55	67.92	W	72.78	W	
August	63.18	63.52	63.19	59.12	64.46	67.57	65.76	W	69.34	W	
September	64.13	65.30	63.50	60.89	64.50	71.62	69.75	W	73.67	W	
October	64.52	65.71	63.65	61.59	64.62	72.87	69.68	W	76.27	W	
November	50.61	52.37	46.26	51.79	48.58	59.75	57.00	W	62.96	W	
December	40.22	43.98	32.39	40.76	36.51	52.07	50.12	W	54.45	W	
2018	59.05	59.87	58.03	56.85	59.35	65.03	62.21	W	68.12	W	
2019											
January	44.32	45.47	42.10	43.26	43.85	55.24	53.34	W	57.72	W	
February	49.04	48.83	49.85	46.26	50.28	59.73	56.99	W	63.29	W	
March	51.87	51.84	52.56	47.97	53.26	62.44	60.17	W	65.34	W	
April	58.16	58.06	58.11	54.70	59.70	66.53	63.91	W	69.74	W	
May	54.70	54.57	54.65	50.87	56.36	65.13	62.64	W	68.42	W	
June	48.69	48.59	48.18	47.75	49.33	58.91	56.56	W	61.87	W	
July	51.46	51.45	51.12	48.43	52.41	60.32	57.87	W	63.17	W	
August	48.66	48.73	48.50	46.37	49.54	55.63	52.22	W	58.53	W	
September	50.56	51.18	50.34	47.81	51.00	57.47	54.04	W	61.24	W	

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - The actual domestic average price represents the average price at the lease (or wellhead) at which domestic crude oil is purchased. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 19. Domestic crude oil first purchase prices for selected crude streams
dollars per barrel

Year month	Alaska North Slope	California Kern River	California Midway-Sunset	Heavy Louisiana Sweet	Louisiana Light Sweet	Mars Blend	West Texas Intermediate	West Texas Sour	Wyoming Sweet
1997	14.84	15.02	14.88	-	-	-	19.27	17.77	-
1998	8.47	8.59	8.48	-	-	-	12.89	11.50	-
1999	12.46	14.02	12.22	-	-	-	17.78	16.66	-
2000	23.62	23.88	23.56	-	-	-	29.16	27.66	-
2001	18.18	19.03	19.50	-	-	-	24.62	22.10	-
2002	19.37	19.80	22.81	-	-	-	24.33	23.23	-
2003	23.78	25.24	26.67	-	-	-	29.60	28.18	30.11
2004	33.03	33.42	33.74	37.78	40.24	34.53	39.55	37.29	39.52
2005	47.05	44.67	45.93	51.61	51.95	46.13	53.90	50.72	53.94
2006	56.86	55.05	54.59	63.41	64.04	57.35	63.16	59.03	60.52
2007	63.69	62.14	61.62	70.00	72.93	63.37	69.59	65.56	64.79
2008	90.10	87.27	86.92	103.96	104.51	93.40	97.39	95.31	89.30
2009	54.41	53.94	53.00	58.61	61.26	57.21	57.27	56.63	51.68
2010	72.33	72.80	72.26	78.16	79.28	75.43	76.63	75.03	70.43
2011	98.79	103.14	100.96	106.74	108.48	105.30	92.18	90.77	87.42
2012	98.70	103.41	103.05	106.77	107.53	105.03	91.36	87.94	84.81
2013	95.79	101.33	101.02	105.73	106.32	100.80	95.26	92.51	90.10
2014	86.41	90.38	89.34	95.53	94.37	92.50	85.90	85.66	82.19
2015	41.11	44.71	43.81	47.83	47.91	46.27	44.58	45.78	41.77
2016	33.13	36.83	36.12	40.37	40.56	36.75	39.20	39.44	37.86
2017	45.21	48.33	48.04	50.27	49.52	46.89	48.50	48.25	47.80
2018									
January	60.38	W	65.50	65.56	64.79	60.92	62.31	61.81	60.77
February	58.55	W	62.39	64.20	62.96	61.01	61.65	60.57	59.97
March	58.55	W	63.02	62.74	61.42	59.01	61.26	59.87	60.36
April	62.27	W	66.84	66.31	64.53	61.13	63.51	63.08	63.33
May	66.50	W	71.58	70.60	68.53	66.02	64.38	63.04	66.74
June	64.42	W	70.21	69.52	67.74	66.96	58.10	56.17	63.95
July	67.92	W	71.30	74.47	74.25	69.89	62.70	60.71	68.17
August	65.76	W	68.14	68.71	67.92	65.96	57.09	55.20	65.75
September	69.75	W	72.66	72.26	71.04	68.04	56.48	53.38	66.02
October	69.68	75.65	75.09	74.66	74.59	71.58	58.15	56.03	66.18
November	57.00	62.12	61.52	64.08	61.60	65.37	50.96	48.80	50.84
December	50.12	53.48	53.03	56.89	53.38	55.95	44.95	46.61	38.09
2018	62.21	67.05	66.97	67.54	66.17	64.59	58.11	57.04	60.99
2019									
January	53.34	57.27	56.39	55.51	53.96	52.20	44.06	42.07	44.71
February	56.99	60.94	60.26	58.99	57.25	55.07	49.30	48.35	50.96
March	60.17	64.49	63.76	63.07	61.69	60.36	55.72	55.59	53.86
April	63.91	69.17	68.24	68.56	67.22	65.55	61.60	61.41	60.36
May	62.64	68.22	67.26	65.70	63.60	64.07	57.49	56.74	56.88
June	56.56	61.31	60.16	61.02	59.18	60.54	51.59	50.48	50.22
July	57.87	62.73	61.55	62.53	60.72	59.13	55.45	54.60	53.20
August	52.22	58.66	57.61	59.12	56.31	57.42	52.72	52.40	50.21
September	54.04	60.86	57.99	59.77	57.00	56.86	54.71	54.63	51.62

- = No data reported.

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 20. Domestic crude oil first purchase prices by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 or greater
1997	15.44	16.27	14.87	18.38	18.62	19.26
1998	9.22	9.62	8.50	12.03	12.17	12.80
1999	14.00	15.30	12.50	16.92	17.18	17.64
2000	24.42	25.64	23.64	28.10	28.36	29.09
2001	19.53	19.59	18.18	23.31	23.99	24.43
2002	21.08	20.80	19.39	23.62	23.94	24.26
2003	25.82	25.56	23.80	28.77	29.21	29.66
2004	33.38	35.02	33.21	37.24	39.33	39.97
2005	45.01	46.33	47.09	50.81	53.14	54.06
2006	54.96	57.89	56.18	60.78	61.83	61.86
2007	62.00	64.94	62.83	67.14	69.29	69.17
2008	87.10	91.01	89.55	98.41	96.69	94.95
2009	54.05	55.66	54.30	57.66	56.93	56.66
2010	72.40	75.04	71.78	76.22	76.03	74.48
2011	101.30	103.07	97.12	99.65	94.54	91.87
2012	102.79	101.56	96.64	98.48	93.12	91.01
2013	99.40	100.70	94.13	99.11	96.24	94.76
2014	87.83	91.05	85.48	90.95	86.56	86.12
2015	43.88	45.71	40.73	46.82	44.67	43.65
2016	36.87	38.52	32.94	38.95	39.33	38.25
2017	48.74	49.77	45.08	48.40	48.64	48.44
2018						
January	66.17	66.46	60.05	62.38	62.47	63.07
February	62.89	63.48	58.18	61.52	61.70	61.30
March	63.44	64.34	58.17	60.30	61.35	60.69
April	67.34	67.64	61.91	63.23	63.78	63.74
May	72.16	71.97	66.28	66.19	65.06	66.58
June	70.88	70.43	64.18	63.35	59.38	63.23
July	72.00	72.24	67.59	67.62	63.90	68.35
August	68.66	68.70	65.42	62.83	58.61	63.76
September	73.09	72.27	69.25	63.74	58.26	65.14
October	75.76	75.18	69.22	66.28	59.85	66.45
November	62.33	61.42	56.41	59.04	51.61	53.90
December	53.77	52.74	49.57	52.45	45.09	44.52
2018	67.45	67.25	61.83	62.35	58.97	61.59
2019						
January	57.16	57.06	52.95	49.43	44.72	47.45
February	61.16	60.50	56.72	53.51	49.94	52.75
March	64.70	64.14	59.90	59.43	56.00	57.23
April	69.29	68.82	63.69	64.81	61.82	63.13
May	68.10	68.18	62.42	61.75	57.82	59.13
June	61.37	60.74	56.25	56.81	51.94	53.38
July	62.78	62.42	57.57	58.11	55.61	56.36
August	58.71	58.56	51.98	56.02	52.83	52.80
September	60.34	60.36	53.84	56.69	54.71	54.55

R = Revised data.

Notes: - In November 2018, a new crude stream was added and a selected crude stream was deleted for North Dakota. In January 2004, new crude streams were added and selected crude streams were discontinued for California, Gulf Coast, Oklahoma, and Texas. - Values shown for the current month are preliminary. Values shown for the previous month may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-182, *Domestic Crude Oil First Purchase Report*.

Table 21. F.O.B.[a] costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries							Persian Gulf[b]	Total OPEC[c]	Non OPEC
	Angola	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	18.81	18.85	16.72	19.43	15.16	18.59	15.33	15.24	16.26	17.51
1998	12.11	12.56	10.49	12.97	8.87	12.52	9.31	9.09	10.20	11.21
1999	17.46	17.20	15.89	17.32	17.65	19.14	14.33	17.15	15.90	16.84
2000	27.90	29.04	25.39	28.70	24.62	27.21	24.45	24.72	25.56	26.77
2001	23.25	24.25	18.89	24.85	18.98	23.30	18.01	18.89	19.73	21.04
2002	24.09	24.64	21.60	25.38	23.92	24.50	20.13	23.38	22.18	22.93
2003	28.22	28.89	24.83	29.40	25.03	28.76	23.81	25.17	25.36	26.21
2004	37.26	37.73	31.55	38.71	34.08	37.30	31.78	33.08	33.95	33.58
2005	52.48	51.89	43.00	55.95	47.96	54.48	46.39	47.21	49.60	45.79
2006	62.23	59.77	52.91	65.69	56.09	66.03	55.80	56.02	59.18	55.35
2007	67.80	67.93	61.35	76.64	W	69.96	64.10	69.93	69.58	62.69
2008	95.66	91.17	84.61	102.06	93.03	96.33	88.06	91.44	93.15	87.15
2009	57.07	57.90	56.47	64.61	57.87	65.63	55.58	59.53	58.53	57.16
2010	78.18	72.56	72.46	80.83	76.44	W	70.30	75.65	75.23	73.24
2011	111.82	100.21	100.90	115.35	107.08	-	97.23	106.47	105.34	98.49
2012	111.23	106.43	101.84	114.51	106.65	-	100.15	105.45	104.39	95.71
2013	107.71	101.24	98.40	110.06	101.16	W	97.52	100.62	100.57	93.67
2014	W	80.75	86.55	W	95.60	-	84.51	94.03	89.76	82.95
2015	W	47.52	44.90	W	47.53	-	40.73	46.95	43.25	41.19
2016	42.68	35.28	36.22	46.20	39.30	W	34.71	38.76	38.51	34.81
2017	W	48.34	46.66	54.77	51.30	W	45.60	50.16	49.55	43.30
2018										
January	W	61.24	58.75	W	65.03	W	62.07	63.50	64.12	51.34
February	W	59.66	56.74	W	63.19	W	55.72	61.90	61.07	49.79
March	-	W	56.73	W	65.04	W	56.84	61.90	60.90	49.09
April	W	65.95	57.68	W	68.33	W	63.28	66.05	66.09	53.73
May	-	W	63.32	W	70.57	W	66.56	69.66	70.07	58.99
June	W	W	64.46	W	71.32	W	64.82	70.18	69.44	59.81
July	W	68.32	66.21	-	70.62	-	62.93	70.30	67.64	59.85
August	W	67.29	63.08	W	71.08	W	63.09	70.11	68.40	57.46
September	W	W	68.15	W	72.90	W	68.94	72.05	71.80	56.39
October	W	W	73.91	W	74.73	W	68.44	74.61	73.26	54.18
November	-	64.87	63.76	W	62.34	W	53.25	63.44	60.58	36.18
December	-	50.04	52.70	W	57.79	-	46.46	55.74	53.04	28.95
2018	74.44	62.51	62.75	71.41	68.23	71.65	61.25	66.55	65.61	51.41
2019										
January	-	53.27	54.81	W	W	W	48.38	58.54	55.22	46.13
February	-	56.59	58.52	W	W	W	W	62.58	63.09	51.47
March	-	61.28	60.66	W	67.34	W	-	65.62	65.95	55.66
April	-	67.09	63.13	W	70.60	70.45	-	68.89	70.54	59.56
May	W	65.40	62.16	70.81	W	69.74	-	66.11	67.97	59.17
June	W	61.09	58.75	W	W	W	-	62.67	63.47	51.82
July	W	W	58.93	W	W	W	-	R62.08	R63.82	R52.32
August	-	R59.37	R50.72	W	R59.81	W	-	R58.17	R59.92	R50.47
September	-	-	56.73	W	W	W	-	57.58	59.76	51.66

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary.

[b] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[c] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 22. Landed costs of imported crude oil by selected country
dollars per barrel

Year month	Selected countries								Persian Gulf[a]	Total OPEC[b]	Total Non OPEC
	Angola	Canada	Colombia	Mexico	Nigeria	Saudi Arabia	United Kingdom	Venezuela			
1997	20.24	17.63	19.71	17.30	20.64	17.52	20.64	16.35	17.44	17.73	18.45
1998	13.37	11.62	13.26	11.04	14.14	11.16	13.55	10.16	11.18	11.46	12.22
1999	18.37	17.54	18.09	16.12	17.63	17.48	18.26	15.58	17.37	16.94	17.51
2000	29.57	26.69	29.68	26.03	30.04	26.58	29.26	26.05	26.77	27.29	27.80
2001	25.13	20.72	25.88	19.37	26.55	20.98	25.32	19.81	20.73	21.52	22.17
2002	25.43	22.98	25.28	22.09	26.45	24.77	26.35	21.93	24.13	23.83	23.97
2003	30.14	26.76	30.55	25.48	31.07	27.50	30.62	25.70	27.54	27.70	27.68
2004	39.62	34.51	39.03	32.25	40.95	37.11	39.28	33.79	36.53	36.84	35.29
2005	54.31	44.73	53.42	43.47	57.55	50.31	55.28	47.87	49.68	51.36	47.31
2006	64.85	53.90	62.13	53.76	68.26	59.19	67.44	57.37	58.92	61.21	57.14
2007	71.27	60.38	70.91	62.31	78.01	70.78	72.47	66.13	69.83	71.14	63.96
2008	98.18	90.00	93.43	85.97	104.83	94.75	96.95	90.76	93.59	95.49	90.59
2009	61.32	57.60	58.50	57.35	68.01	62.14	63.87	57.78	62.15	61.90	58.58
2010	80.61	72.80	74.25	72.86	83.14	79.29	80.29	72.43	78.60	78.28	74.68
2011	114.05	89.92	102.57	101.21	116.43	108.83	118.45	100.14	108.01	107.84	98.64
2012	114.95	84.24	107.07	102.45	116.88	108.15	W	101.58	107.74	107.56	95.05
2013	110.81	84.41	103.00	99.06	112.87	102.60	111.23	99.34	102.53	102.98	91.99
2014	99.25	81.30	88.29	87.48	102.16	94.91	W	86.88	95.30	93.10	84.67
2015	51.73	41.99	49.53	45.70	54.70	49.78	W	42.87	49.43	47.44	44.09
2016	44.65	36.27	38.86	36.64	48.11	42.14	W	35.50	41.20	40.54	37.09
2017	54.17	44.93	50.60	47.73	56.48	52.56	56.11	47.02	51.42	51.26	46.67
2018											
January	66.55	51.17	63.25	59.86	69.15	64.81	W	62.79	63.83	64.78	54.69
February	W	48.27	62.55	57.37	69.60	65.30	68.19	55.98	63.21	62.93	53.05
March	70.27	47.01	63.59	56.99	70.59	66.77	W	57.72	63.72	63.53	51.07
April	W	52.22	66.34	58.62	W	69.44	73.82	63.62	67.09	66.95	56.32
May	W	58.19	70.63	64.03	79.38	71.28	W	67.45	70.85	71.50	61.72
June	76.28	58.57	70.64	65.38	W	72.17	72.88	65.81	71.49	70.65	62.95
July	75.55	59.00	71.20	66.82	W	72.56	-	63.67	71.62	70.54	62.54
August	75.45	56.78	68.79	64.18	W	72.85	72.41	64.12	71.64	70.48	60.79
September	75.83	52.35	73.88	69.79	W	72.56	W	70.73	72.26	72.45	58.76
October	W	47.96	74.22	74.76	W	73.75	W	69.31	72.24	72.19	57.15
November	-	28.06	66.20	64.52	68.03	65.87	W	55.70	64.99	63.30	38.56
December	-	21.62	54.71	53.89	62.21	60.39	W	48.93	58.67	57.11	30.89
2018	73.42	48.34	66.75	63.48	71.93	69.40	73.28	62.46	67.55	67.22	54.27
2019											
January	-	40.33	56.26	56.12	W	61.69	W	51.82	59.80	57.46	45.44
February	-	50.24	59.69	59.72	W	66.37	W	52.72	64.07	62.76	53.71
March	-	54.61	64.65	61.82	W	67.50	W	55.25	65.81	65.30	57.85
April	W	59.01	69.08	64.18	75.99	69.74	73.00	-	68.83	69.89	62.21
May	72.84	58.49	68.17	62.81	72.66	68.10	71.30	W	67.11	68.90	62.19
June	W	50.84	65.87	59.32	69.41	65.06	65.41	-	63.71	65.12	55.30
July	W	R51.14	64.10	59.50	67.57	R64.14	R64.63	-	63.83	R64.76	R54.97
August	-	R50.68	R59.22	51.59	R65.76	R61.49	W	-	R60.40	R61.58	R52.97
September	W	50.68	59.90	57.70	65.93	60.89	W	-	60.20	61.08	53.25

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

[b] Includes Algeria, Angola (January 2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (January 2008-present), Equatorial Guinea (May 2018-present), Gabon (July 2016-present), Indonesia (1997-2008 and January 2016-November 2016), Iran, Iraq, Kuwait, Libya, Nigeria, Qatar (1997-2018), Saudi Arabia, United Arab Emirates and Venezuela.

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 23. F.O.B.[a] costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	13.12	14.94	17.49	17.61	19.37	19.88	19.77
1998	7.00	8.95	10.77	11.73	12.91	13.12	12.92
1999	12.13	14.49	17.07	17.33	18.03	18.81	17.00
2000	21.81	23.75	26.49	27.09	28.77	29.55	29.89
2001	16.17	17.23	21.84	21.60	23.84	24.80	25.72
2002	18.78	20.51	23.48	24.20	24.92	25.20	25.16
2003	21.88	24.09	25.65	27.49	28.67	29.35	28.64
2004	28.95	30.53	33.65	35.57	38.51	39.90	39.26
2005	40.54	41.52	49.26	50.82	54.65	56.47	52.83
2006	50.19	51.62	58.25	60.27	64.36	66.43	64.85
2007	56.69	60.14	69.31	71.44	73.46	74.27	70.10
2008	81.25	83.07	96.68	94.56	98.17	102.32	100.20
2009	54.76	54.36	56.30	59.78	63.63	62.10	63.32
2010	69.51	69.72	76.73	77.48	79.45	79.43	81.04
2011	94.66	94.15	103.09	107.24	111.37	114.28	112.74
2012	96.07	94.35	104.28	103.99	106.59	110.99	119.48
2013	93.91	91.27	100.20	101.44	104.26	108.78	103.41
2014	82.40	80.16	92.53	93.77	94.26	99.49	W
2015	40.07	38.33	47.33	47.85	49.98	54.59	W
2016	34.05	32.66	38.81	40.61	42.86	48.63	46.94
2017	43.78	41.82	48.78	51.08	50.31	54.70	54.12
2018							
January	57.20	49.82	56.18	62.44	60.12	66.11	W
February	53.01	46.68	54.95	62.04	57.83	65.11	W
March	53.41	45.84	57.90	61.95	60.18	69.20	W
April	57.58	51.45	65.73	66.67	64.74	71.91	W
May	62.76	55.69	65.41	69.28	70.82	W	W
June	61.21	57.70	63.29	69.09	69.54	75.58	W
July	59.86	58.01	68.71	69.06	67.39	72.74	W
August	60.39	54.39	67.31	69.37	67.01	71.14	W
September	58.92	54.06	72.13	72.46	68.33	W	W
October	59.90	55.36	71.51	67.46	59.12	W	W
November	47.19	35.95	51.98	53.65	37.46	66.22	W
December	42.73	26.24	34.40	49.43	31.50	W	W
2018	56.23	49.53	62.26	64.43	58.85	70.85	W
2019							
January	48.25	42.98	50.46	55.65	47.02	57.38	W
February	53.25	50.48	58.00	59.15	52.95	W	W
March	55.51	53.31	60.10	64.17	57.03	W	W
April	59.61	57.29	62.14	66.71	65.05	71.65	W
May	59.94	57.95	61.84	65.13	61.31	68.69	W
June	53.79	50.17	55.28	61.36	58.20	65.30	W
July	R53.57	R51.11	58.63	R60.81	R53.70	65.61	W
August	R48.72	R48.47	R53.90	R58.72	R53.30	W	W
September	52.22	50.22	53.02	58.03	54.44	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 24. Landed costs of imported crude oil by API gravity
dollars per barrel

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	14.42	15.79	18.57	18.42	20.34	21.09	20.85
1998	8.19	9.73	11.81	12.31	13.73	14.40	14.38
1999	13.40	15.30	17.33	17.81	18.18	19.22	18.48
2000	23.49	24.71	27.60	27.91	29.99	30.37	31.10
2001	17.66	18.14	23.29	22.21	24.86	26.59	26.49
2002	20.59	21.33	24.40	24.91	25.73	26.49	25.96
2003	23.87	25.15	27.78	28.78	29.95	30.73	30.90
2004	30.96	31.92	35.99	37.94	39.82	41.25	41.59
2005	42.20	42.24	49.94	52.18	54.95	58.38	56.43
2006	51.84	52.62	59.38	61.88	64.80	68.44	66.78
2007	59.01	60.64	68.95	72.03	73.17	75.68	73.57
2008	85.39	84.76	97.30	96.83	99.90	103.68	99.23
2009	56.38	55.68	61.28	62.43	64.80	64.82	63.90
2010	71.54	71.07	78.35	79.64	81.25	81.09	82.17
2011	96.89	93.32	106.06	108.76	110.93	115.40	113.24
2012	97.49	91.32	105.92	107.23	107.27	112.70	115.67
2013	95.87	88.35	101.63	102.97	104.39	110.66	105.88
2014	85.31	81.44	93.64	95.20	94.50	100.17	100.25
2015	43.20	41.14	49.58	50.16	50.78	54.54	51.70
2016	35.85	34.78	41.73	42.14	44.49	48.15	48.93
2017	46.51	44.75	51.46	53.12	52.48	55.74	55.70
2018							
January	58.31	53.07	62.54	64.41	61.62	68.66	69.67
February	54.33	49.87	61.17	64.31	65.10	66.22	68.83
March	54.30	48.32	61.15	65.40	62.69	67.41	W
April	59.96	52.58	65.46	69.52	68.10	70.77	W
May	65.28	58.51	70.58	71.21	72.86	75.40	W
June	64.58	60.28	67.84	71.14	69.85	76.54	W
July	62.24	60.25	69.86	72.16	69.74	74.18	76.47
August	62.13	57.72	67.62	71.79	69.54	72.53	W
September	62.05	56.28	69.02	72.70	70.87	75.57	W
October	63.58	54.78	66.37	69.02	63.34	77.21	W
November	47.22	36.31	57.21	58.86	45.90	68.42	W
December	45.94	26.44	52.69	50.99	37.95	65.68	W
2018	58.99	51.34	64.57	66.93	62.82	71.71	71.47
2019							
January	49.72	41.88	54.64	56.22	50.11	57.81	65.11
February	55.03	52.30	59.38	61.09	55.65	61.35	W
March	57.67	55.82	61.24	64.52	60.98	63.21	W
April	61.67	60.59	65.70	67.95	65.63	71.06	70.32
May	64.18	60.96	66.20	66.81	64.57	68.48	W
June	56.90	53.00	60.90	63.00	60.18	64.73	W
July	R56.50	R53.46	R61.88	R61.85	R55.80	65.94	W
August	R52.24	R50.56	R58.13	R60.29	R58.37	59.54	W
September	55.02	51.19	56.99	59.60	57.28	62.58	W

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

**Table 25. Percentages of total imported crude oil by API gravity
percent by interval**

Year month	20.0 or less	20.1 to 25.0	25.1 to 30.0	30.1 to 35.0	35.1 to 40.0	40.1 to 45.0	45.1 or greater
1997	6.05	21.88	13.33	34.43	21.28	1.77	1.27
1998	5.84	20.29	13.99	35.62	20.81	1.88	1.57
1999	4.76	17.78	14.18	36.54	21.46	3.72	1.57
2000	6.21	18.88	13.41	36.90	19.83	3.44	1.35
2001	7.97	20.78	11.60	36.10	19.63	2.71	1.21
2002	8.28	22.29	11.44	35.28	18.29	2.67	1.75
2003	8.29	24.25	9.97	35.60	17.19	2.70	1.99
2004	11.13	23.70	8.18	34.57	17.68	2.10	2.64
2005	11.94	22.83	10.20	31.87	16.92	3.68	2.55
2006	13.04	23.28	11.18	28.22	15.73	5.82	2.74
2007	11.72	23.12	11.18	28.86	16.71	5.57	2.84
2008	13.22	23.50	11.51	30.42	14.64	4.24	2.47
2009	14.08	26.11	7.78	29.74	13.76	5.65	2.88
2010	15.13	26.01	5.35	30.73	14.35	5.57	2.86
2011	17.20	27.47	6.02	30.64	13.42	3.58	1.68
2012	16.66	29.77	8.41	28.31	12.84	3.36	0.65
2013	16.20	33.87	8.74	29.98	9.67	1.28	0.27
2014	18.49	36.73	9.78	26.96	7.19	0.75	0.11
2015	19.51	38.05	8.63	26.17	7.15	0.43	0.06
2016	16.70	38.88	8.43	24.92	8.42	1.43	1.22
2017	17.58	39.99	9.88	21.31	7.37	1.93	1.95
2018							
January	13.65	46.31	8.15	21.96	5.29	2.32	2.32
February	14.54	41.23	10.57	23.23	5.63	2.88	1.93
March	14.87	40.44	11.29	24.42	4.69	W	W
April	15.39	41.98	8.00	24.55	5.55	W	W
May	15.55	42.03	11.03	19.69	8.98	W	W
June	19.56	39.42	9.38	21.30	5.31	W	W
July	17.27	39.83	10.16	23.03	5.57	3.37	0.77
August	16.92	38.86	10.56	22.83	7.61	W	W
September	19.27	40.28	9.66	21.96	6.09	W	W
October	19.76	41.24	12.30	18.05	5.47	W	W
November	16.81	39.03	10.55	20.69	8.77	W	W
December	12.93	44.45	8.58	22.46	7.31	W	W
2018	16.36	41.28	9.99	22.06	6.34	2.49	1.49
2019							
January	15.77	38.04	11.31	23.50	8.09	1.46	1.82
February	8.71	44.08	12.08	22.51	8.66	W	W
March	10.56	41.61	15.83	21.04	7.41	W	W
April	9.44	46.64	9.07	19.88	10.28	3.07	1.62
May	14.67	41.67	9.79	18.48	12.38	W	W
June	11.13	44.71	9.10	20.71	10.28	W	W
July	R9.98	R46.02	R11.92	R18.14	R10.37	W	W
August	R12.30	R42.36	R12.70	R19.43	R10.78	W	W
September	15.01	43.77	9.66	18.25	9.83	W	W

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R = Revised data.

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Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 26. F.O.B.[a] costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Canadian Lloydminster	Iraqi Basrah Light	Mexican Mayan	Nigerian Qua Iboe	Venezuelan Merey
2005	35.13	-	40.69	-	-
2006	44.55	-	51.29	-	-
2007	48.54	-	59.96	-	-
2008	79.33	-	82.99	-	-
2009	50.11	62.98	55.07	65.60	59.89
2010	64.41	74.36	70.36	82.66	70.26
2011	78.41	104.51	98.27	115.82	98.73
2012	77.01	103.17	99.81	115.85	102.04
2013	75.61	99.28	96.87	W	99.26
2014	75.42	92.96	85.83	W	89.86
2015	W	47.59	43.49	W	43.82
2016	-	36.73	36.39	W	37.72
2017	W	49.10	46.82	W	45.62
2018					
January	-	W	59.05	-	W
February	-	W	56.82	-	-
March	-	59.95	56.98	-	-
1st quarter average	-	60.11	57.49	-	W
April	-	64.98	57.87	-	W
May	-	68.23	63.55	-	-
June	-	W	64.61	-	-
2nd quarter average	-	66.48	62.28	-	W
July	-	W	66.35	-	W
August	-	W	63.27	-	W
September	-	W	68.34	-	W
3rd quarter average	-	68.98	66.00	-	W
October	-	-	74.38	-	W
November	-	W	64.73	-	-
December	-	W	52.75	-	-
4th quarter average	-	58.16	66.48	-	W
2018	-	63.19	63.02	-	W
2019					
January	-	W	55.42	-	-
February	-	W	59.35	-	-
March	-	W	61.54	-	-
1st quarter average	-	W	58.80	-	-
April	-	W	64.15	-	-
May	-	W	62.84	-	-
June	-	W	59.11	-	-
2nd quarter average	-	64.52	61.91	-	-
July	-	W	59.37	-	-
August	-	W	R51.23	-	-
September	-	W	57.22	-	-
3rd quarter average	-	W	55.71	-	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

[a] Free on Board. See Glossary

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Table 27. Landed costs of imported crude oil for selected crude streams
dollars per barrel

Year quarter month	Algerian Saharan Blend	Brazilian Marlim	Canadian Bow River Heavy	Canadian Light Sour Blend	Canadian Lloydminster
2005	-	-	39.22	-	37.59
2006	-	-	48.38	-	46.96
2007	-	-	52.36	-	50.94
2008	-	-	84.29	-	82.50
2009	65.95	58.94	55.71	59.12	53.44
2010	81.78	76.63	68.92	76.56	68.13
2011	115.82	107.13	82.02	96.52	82.24
2012	114.02	114.32	77.19	87.82	81.33
2013	113.45	108.43	76.88	90.59	79.34
2014	-	93.08	76.90	85.10	81.87
2015	W	47.77	38.90	47.18	38.51
2016	49.82	W	33.43	40.04	W
2017	54.96	50.40	43.02	50.08	42.28
2018					
January	70.13	-	45.68	57.22	W
February	W	W	38.64	60.89	W
March	W	W	39.89	59.46	-
1st quarter average	68.55	W	41.88	58.42	W
April	W	-	43.61	63.00	W
May	W	-	53.66	65.07	W
June	W	-	55.69	61.96	-
2nd quarter average	75.40	-	51.89	63.32	W
July	73.97	-	56.25	67.99	-
August	74.53	-	52.40	65.31	-
September	W	-	45.23	62.05	-
3rd quarter average	74.55	-	51.15	64.81	-
October	W	-	44.12	59.11	-
November	W	-	18.36	45.37	-
December	W	-	10.44	31.68	W
4th quarter average	70.74	-	26.06	43.19	W
2018	72.51	W	42.83	57.93	W
2019					
January	-	-	32.02	46.30	W
February	W	-	48.27	48.42	-
March	W	-	52.21	56.72	W
1st quarter average	W	-	43.75	50.56	W
April	W	-	56.67	61.22	W
May	W	-	56.50	59.98	-
June	-	-	46.91	51.74	-
2nd quarter average	W	-	53.87	58.25	W
July	-	-	48.33	53.33	-
August	-	-	46.97	R53.20	-
September	-	-	W	54.58	-
3rd quarter average	-	-	47.54	53.74	-

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)

dollars per barrel

Year quarter month	Ecuadorian Oriente	Ecuadorian Napo	Iraqi Basrah Light	Mexican Mayan	Nigerian Bonny Light
2005	46.42	-	-	41.54	57.12
2006	56.75	-	-	52.04	69.29
2007	64.57	-	-	60.93	77.90
2008	87.25	-	-	84.29	108.46
2009	56.97	48.74	64.38	56.03	68.30
2010	75.48	72.97	77.96	70.87	84.10
2011	101.74	97.91	106.67	98.81	116.95
2012	105.50	101.53	106.93	100.29	117.70
2013	104.14	100.01	102.70	97.43	W
2014	91.65	93.11	96.95	86.49	W
2015	49.65	41.84	49.50	44.08	59.92
2016	40.68	37.46	39.90	36.79	W
2017	51.93	49.18	50.73	47.87	W
2018					
January	66.34	W	64.01	59.90	-
February	65.05	W	60.97	57.42	-
March	63.11	60.38	61.65	57.11	-
1st quarter average	65.06	60.72	62.05	58.24	-
April	68.05	63.50	65.78	58.58	-
May	73.52	W	69.98	64.17	-
June	71.04	66.83	69.31	65.46	-
2nd quarter average	70.28	65.56	68.13	63.22	-
July	74.01	68.84	70.02	66.89	-
August	70.12	67.85	68.65	64.21	-
September	W	68.28	72.38	69.88	-
3rd quarter average	72.42	68.30	70.26	66.80	-
October	77.96	69.48	61.55	75.19	-
November	67.51	61.44	63.76	65.12	-
December	56.45	53.47	58.25	53.87	-
4th quarter average	64.19	60.95	61.29	65.99	-
2018	67.94	65.09	65.43	63.62	-
2019					
January	57.97	50.60	57.15	56.19	-
February	62.01	W	59.71	60.36	-
March	W	W	63.17	62.40	-
1st quarter average	60.53	52.95	59.94	59.85	-
April	W	W	67.21	64.75	-
May	69.55	67.56	65.51	63.34	-
June	63.79	W	62.79	59.56	-
2nd quarter average	67.80	63.28	65.70	62.62	-
July	64.23	W	R63.29	59.86	W
August	60.62	59.82	59.76	R52.03	W
September	60.01	58.20	59.77	58.20	-
3rd quarter average	61.88	59.81	61.18	56.46	W

See footnotes at end of table.

Table 27. Landed costs of imported crude oil for selected crude streams (cont.)
dollars per barrel

Year quarter month	Nigerian Qua Iboe	Saudi Arabian Light	Saudi Arabian Medium	Saudi Arabian Berri	Venezuelan Merey
2005	-	52.92	48.92	-	-
2006	-	60.51	58.10	-	-
2007	-	71.62	70.09	-	-
2008	-	94.38	91.46	-	-
2009	68.26	63.10	61.87	59.72	60.15
2010	84.44	79.65	78.13	81.14	71.59
2011	117.02	109.43	107.12	110.77	100.36
2012	116.48	108.93	106.83	110.03	103.28
2013	112.47	103.44	101.44	107.00	100.69
2014	W	96.83	94.47	96.68	91.73
2015	W	50.00	48.66	52.83	45.77
2016	W	41.25	41.62	45.62	38.97
2017	W	53.27	51.60	52.68	47.38
2018					
January	W	65.72	62.32	W	W
February	W	65.47	64.58	66.71	W
March	-	66.73	66.64	W	W
1st quarter average	W	65.98	64.62	67.76	W
April	W	69.16	70.16	69.08	W
May	-	71.59	70.47	W	W
June	-	72.30	71.03	74.50	-
2nd quarter average	W	70.95	70.51	72.38	64.47
July	-	72.63	71.91	74.41	W
August	-	73.60	72.30	73.88	W
September	-	72.45	71.44	75.91	W
3rd quarter average	-	72.83	71.97	74.65	W
October	-	75.50	69.25	77.42	W
November	-	65.22	65.40	71.69	W
December	-	60.43	58.86	61.95	-
4th quarter average	-	67.29	65.62	70.71	64.43
2018	W	69.40	68.78	71.81	63.24
2019					
January	-	61.38	62.60	W	-
February	-	66.56	67.46	W	W
March	-	68.93	66.42	66.94	-
1st quarter average	-	64.87	65.38	62.49	W
April	-	W	67.16	72.41	-
May	W	W	W	W	-
June	W	W	63.53	W	-
2nd quarter average	W	W	65.28	70.87	-
July	-	W	W	W	-
August	W	W	W	W	-
September	-	W	W	W	-
3rd quarter average	W	62.55	61.90	W	-

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

R = Revised data.

Notes: - Effective January 2009, selected crude streams were discontinued and new crude streams were added for publication. - Values reflect the month of acquisition, which can be the month of loading, the month of landing, or sometime between those events. Prices for crude oil can be determined at a time other than the acquisition date. See the Explanatory Notes section for additional detail. - Values for the current 2 months are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: U.S. Energy Information Administration, Form EIA-856, *Monthly Foreign Crude Oil Acquisition Report*.

Prices of Petroleum Products

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
United States												
September 2019	2.152	1.822	1.799	2.553	2.140	2.042	2.792	NA	2.229	2.249	NA	1.854
August 2019	2.170	1.837	1.769	2.541	2.196	1.988	2.779	NA	2.173	2.259	1.860	1.820
September 2018	2.352	2.187	2.093	2.679	2.483	2.296	2.897	NA	2.446	2.431	2.213	2.136
PAD District 1												
September 2019	1.971	W	1.676	2.253	NA	1.865	2.490	W	2.032	2.051	W	1.721
August 2019	2.025	W	1.679	2.319	NA	1.877	2.552	W	2.057	2.103	W	1.725
September 2018	2.214	W	2.019	2.470	W	2.199	2.683	W	2.356	2.282	W	2.060
Subdistrict 1A												
September 2019	W	W	1.708	W	-	1.942	W	-	2.027	W	W	1.755
August 2019	W	W	1.755	W	-	1.976	W	-	2.095	W	W	1.805
September 2018	W	W	2.090	W	-	2.260	W	-	2.363	W	W	2.128
Connecticut												
September 2019	-	W	1.703	-	-	1.853	-	-	2.048	-	W	1.759
August 2019	-	W	1.753	-	-	1.903	-	-	2.121	-	W	1.811
September 2018	-	W	2.097	-	-	2.227	-	-	2.399	-	W	2.142
Maine												
September 2019	-	-	1.767	-	-	W	-	-	W	-	-	1.799
August 2019	-	-	1.797	-	-	W	-	-	2.158	-	-	1.835
September 2018	-	-	2.136	-	-	W	-	-	W	-	-	2.163
Massachusetts												
September 2019	W	-	1.685	W	-	1.787	W	-	1.977	W	-	1.728
August 2019	W	-	1.735	W	-	1.876	W	-	2.047	W	-	1.780
September 2018	W	-	2.067	W	-	2.159	W	-	2.296	W	-	2.099
New Hampshire												
September 2019	W	-	W	W	-	-	W	-	W	W	-	W
August 2019	W	-	W	W	-	-	W	-	W	W	-	W
September 2018	W	-	W	W	-	-	W	-	W	W	-	W
Rhode Island												
September 2019	W	-	1.705	W	-	W	W	-	W	W	-	1.748
August 2019	W	-	1.758	W	-	1.850	W	-	W	W	-	1.804
September 2018	W	-	W	W	-	W	W	-	2.325	W	-	2.114
Vermont												
September 2019	-	-	W	-	-	-	-	-	2.115	-	-	W
August 2019	-	-	1.733	-	-	W	-	-	2.147	-	-	W
September 2018	-	-	2.066	-	-	W	-	-	2.379	-	-	W
Subdistrict 1B												
September 2019	2.056	-	1.682	2.319	-	1.820	2.533	-	2.036	2.142	-	1.728
August 2019	2.137	-	1.717	2.409	-	1.863	2.616	-	2.099	2.219	-	1.768
September 2018	2.256	W	2.041	2.489	-	2.166	2.678	-	2.328	2.330	W	2.077
Delaware												
September 2019	W	-	1.673	W	-	1.836	W	-	1.985	W	-	1.707
August 2019	W	-	1.711	W	-	1.905	W	-	2.054	W	-	1.748
September 2018	W	-	2.043	W	-	2.174	W	-	2.281	W	-	2.066
District of Columbia												
September 2019	-	-	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-	-	-
Maryland												
September 2019	-	-	1.665	-	-	1.767	-	-	1.960	-	-	1.709
August 2019	-	-	1.692	-	-	1.798	-	-	2.006	-	-	1.738
September 2018	-	-	2.021	-	-	2.105	-	-	2.269	-	-	2.055
New Jersey												
September 2019	W	-	1.658	W	-	1.810	W	-	2.000	W	-	1.700
August 2019	W	-	1.705	W	-	1.838	W	-	2.062	W	-	1.751
September 2018	W	-	2.025	W	-	2.154	W	-	2.281	W	-	2.056
New York												
September 2019	2.140	-	1.736	2.391	-	2.032	2.598	-	2.123	2.226	-	1.805
August 2019	2.217	-	1.781	2.475	-	2.086	2.678	-	2.196	2.297	-	1.854
September 2018	2.283	W	2.078	2.501	-	2.358	2.690	-	2.411	2.358	W	2.135
Pennsylvania												
September 2019	W	-	1.679	W	-	1.857	W	-	2.032	W	-	1.712
August 2019	W	-	1.692	W	-	1.890	W	-	2.091	W	-	1.729
September 2018	W	-	2.040	W	-	2.185	W	-	2.322	W	-	2.062

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
Subdistrict 1C												
September 2019	W	W	1.669	W	NA	1.872	W	W	2.030	W	W	1.712
August 2019	W	W	1.647	W	NA	1.870	W	W	2.020	W	W	1.690
September 2018	W	W	1.997	W	W	2.204	W	W	2.373	W	W	2.041
Florida												
September 2019	W	1.746	1.691	W	-	1.878	W	NA	2.029	W	1.752	1.736
August 2019	W	1.710	1.650	W	-	1.875	W	W	1.997	W	1.726	1.692
September 2018	W	2.078	2.018	W	-	2.266	W	W	2.405	W	2.079	2.067
Georgia												
September 2019	W	W	1.657	W	-	1.851	W	-	2.057	W	W	1.702
August 2019	W	W	1.642	W	-	1.835	W	-	2.059	W	W	1.688
September 2018	W	W	1.985	W	-	2.162	W	-	2.393	W	W	2.031
North Carolina												
September 2019	W	W	1.649	W	-	1.895	W	W	2.024	W	W	1.694
August 2019	W	W	1.619	W	-	1.875	W	W	2.007	W	W	1.665
September 2018	W	W	1.974	W	-	2.205	W	W	2.360	W	W	2.022
South Carolina												
September 2019	W	W	1.649	W	NA	1.912	W	W	2.057	W	W	1.690
August 2019	W	NA	1.623	W	NA	1.896	W	W	2.033	W	W	1.664
September 2018	W	W	1.973	W	W	2.221	W	W	2.371	W	W	2.013
Virginia												
September 2019	-	W	1.667	-	-	1.804	-	W	1.990	-	W	1.708
August 2019	-	W	1.689	-	-	1.840	-	W	2.028	-	W	1.731
September 2018	-	-	2.002	-	-	2.120	-	-	2.299	-	-	2.039
West Virginia												
September 2019	W	-	1.729	W	-	1.986	W	-	NA	W	-	1.749
August 2019	W	-	1.708	W	-	2.053	W	-	2.078	W	-	1.734
September 2018	W	W	2.049	W	-	2.262	W	-	2.531	W	W	2.069
PAD District 2												
September 2019	W	1.871	1.715	W	W	1.892	W	W	2.151	W	1.888	1.753
August 2019	W	1.961	1.710	W	W	1.881	W	W	2.137	W	1.976	1.748
September 2018	W	2.156	2.058	2.528	W	2.211	W	2.491	2.410	W	2.181	2.088
Illinois												
September 2019	W	1.905	1.698	W	-	1.868	W	W	2.127	W	1.881	1.741
August 2019	W	1.920	1.710	W	-	1.870	W	W	2.159	W	1.907	1.754
September 2018	W	2.273	2.065	W	-	2.221	W	-	2.419	W	2.273	2.102
Indiana												
September 2019	W	W	1.689	W	-	1.877	W	-	2.168	W	W	1.724
August 2019	W	W	1.703	W	-	1.897	W	-	2.194	W	W	1.740
September 2018	W	W	2.046	W	-	2.229	W	-	2.440	W	W	2.073
Iowa												
September 2019	-	W	1.730	-	-	1.897	-	-	2.146	-	W	1.767
August 2019	-	W	1.689	-	-	1.849	-	-	2.047	-	W	1.723
September 2018	-	W	2.103	-	-	2.211	-	-	2.404	-	W	2.136
Kansas												
September 2019	W	W	1.704	W	W	1.863	-	-	2.041	W	W	1.733
August 2019	W	W	1.681	W	W	1.833	-	-	1.981	W	W	1.704
September 2018	W	W	2.068	W	W	2.187	-	-	2.282	W	W	2.088
Kentucky												
September 2019	W	W	1.701	W	-	1.920	W	NA	2.133	W	W	1.728
August 2019	W	W	1.707	W	-	1.938	W	NA	2.153	W	W	1.735
September 2018	W	W	2.042	W	-	2.215	W	W	2.436	W	W	2.065
Michigan												
September 2019	W	W	1.748	W	-	2.111	W	W	2.313	W	W	1.785
August 2019	W	W	1.779	W	-	2.184	W	W	2.350	W	W	1.819
September 2018	W	W	2.060	W	-	2.401	W	W	2.565	W	W	2.093
Minnesota												
September 2019	W	W	1.743	W	W	1.897	W	W	2.129	W	W	1.781
August 2019	W	W	1.717	W	W	1.863	W	W	2.068	W	W	1.756
September 2018	W	W	2.097	W	W	2.186	W	W	2.336	W	W	2.120
Missouri												
September 2019	-	W	1.711	-	-	1.924	-	-	2.113	-	W	1.746
August 2019	-	W	1.691	-	-	1.868	-	-	2.074	-	W	1.724
September 2018	-	W	2.054	-	-	2.189	-	-	2.353	-	W	2.077

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades						
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale				
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]					
PAD District 2 (cont.)																
Nebraska																
September 2019	W	W	1.742	W	W	1.891	-	-	2.170	W	W	1.786				
August 2019	W	W	1.701	W	-	1.840	-	-	2.080	W	W	1.738				
September 2018	W	W	2.099	W	-	2.216	-	-	2.380	W	W	2.127				
North Dakota																
September 2019	W	W	1.834	W	W	1.952	W	W	2.370	W	W	1.891				
August 2019	W	W	1.780	W	W	1.893	W	W	2.301	W	W	1.838				
September 2018	W	W	2.148	W	W	2.282	W	W	2.528	W	W	2.185				
Ohio																
September 2019	W	W	1.742	W	-	2.024	W	W	2.262	W	W	1.780				
August 2019	W	W	1.741	W	-	2.048	W	W	2.282	W	W	1.780				
September 2018	W	W	2.056	W	-	2.297	W	W	2.498	W	W	2.088				
Oklahoma																
September 2019	W	W	1.740	W	-	1.906	W	-	2.093	W	W	1.800				
August 2019	W	W	1.690	W	-	1.859	W	-	1.943	W	W	1.727				
September 2018	W	W	2.101	W	-	2.227	W	-	2.300	W	W	2.122				
South Dakota																
September 2019	W	W	1.760	W	W	1.892	W	-	2.169	W	W	1.800				
August 2019	W	W	1.758	W	W	1.853	W	W	2.184	W	W	1.806				
September 2018	W	W	2.143	W	W	2.207	W	W	2.470	W	W	2.170				
Tennessee																
September 2019	W	W	1.640	W	-	1.799	W	NA	2.002	W	W	1.673				
August 2019	W	W	1.604	W	-	1.775	W	NA	1.971	W	W	1.638				
September 2018	W	W	1.963	W	-	2.116	W	W	2.306	W	W	1.993				
Wisconsin																
September 2019	W	W	1.721	W	W	1.908	W	W	2.257	W	W	1.768				
August 2019	W	W	1.754	W	W	1.950	W	W	2.302	W	W	1.807				
September 2018	W	W	2.101	W	-	2.244	W	W	2.522	W	W	2.136				
PAD District 3																
September 2019	2.106	W	1.664	2.428	W	1.841	2.703	W	1.966	2.178	W	1.693				
August 2019	2.025	1.703	1.671	2.334	W	1.840	2.601	NA	1.969	2.094	1.742	1.701				
September 2018	2.311	2.118	2.002	2.567	W	2.151	2.801	2.376	2.261	2.369	2.156	2.025				
Alabama																
September 2019	W	W	1.642	W	-	1.848	W	W	2.072	W	W	1.679				
August 2019	W	W	1.606	W	-	1.845	W	W	2.043	W	W	1.643				
September 2018	-	W	1.967	-	-	2.241	-	W	2.390	-	W	2.005				
Arkansas																
September 2019	-	-	1.680	-	-	1.851	-	-	2.046	-	-	1.711				
August 2019	-	-	1.649	-	-	1.824	-	-	1.999	-	-	1.679				
September 2018	-	-	2.030	-	-	2.183	-	-	2.326	-	-	2.054				
Louisiana																
September 2019	-	W	1.636	-	-	1.788	-	-	1.937	-	W	1.660				
August 2019	-	W	1.628	-	-	1.752	-	-	1.905	-	W	1.654				
September 2018	-	W	1.994	-	-	2.128	-	-	2.224	-	W	2.021				
Mississippi																
September 2019	-	-	1.655	-	-	1.855	-	-	2.043	-	-	1.681				
August 2019	-	-	1.627	-	-	1.863	-	-	2.014	-	-	1.655				
September 2018	-	-	1.993	-	-	2.150	-	-	2.371	-	-	2.011				
New Mexico																
September 2019	W	W	1.868	W	-	2.043	2.698	W	2.270	W	W	1.919				
August 2019	W	W	1.820	W	W	1.981	2.615	W	2.171	W	W	1.865				
September 2018	2.339	W	2.142	2.586	-	2.277	W	W	2.479	2.407	W	2.183				
Texas																
September 2019	2.061	W	1.664	2.404	W	1.819	2.713	-	1.933	2.131	W	1.693				
August 2019	1.994	W	1.690	2.305	W	1.831	2.591	W	1.957	2.058	W	1.718				
September 2018	W	W	2.002	W	W	2.118	W	W	2.234	W	W	2.022				

See footnotes at end of table.

Table 31. Refiner motor gasoline prices by grade, sales type, PAD District, and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Regular			Midgrade			Premium			All grades		
	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale	Sales to end users		Sales for resale
	Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]		Through retail outlets	Other end users[a]	
PAD District 4												
September 2019	W	2.125	1.915	W	W	2.156	2.748	W	2.290	W	2.197	1.988
August 2019	W	2.161	1.904	W	W	2.164	2.709	W	2.280	W	2.249	1.977
September 2018	W	2.404	2.213	2.737	W	2.415	3.062	W	2.549	W	2.485	2.274
Colorado												
September 2019	W	2.226	1.958	2.506	W	2.188	W	W	2.392	2.383	2.213	2.041
August 2019	W	2.225	1.827	2.354	W	2.024	W	W	2.242	2.223	2.212	1.906
September 2018	W	2.398	2.281	2.715	W	2.454	W	W	2.677	2.604	2.439	2.352
Idaho												
September 2019	W	W	1.941	W	W	2.199	W	W	2.248	W	W	1.990
August 2019	W	W	2.059	W	W	2.336	W	W	2.371	W	W	2.110
September 2018	W	W	2.204	W	W	2.356	W	NA	2.464	W	W	2.243
Montana												
September 2019	W	W	1.886	W	W	2.071	W	W	2.363	W	W	1.967
August 2019	W	W	1.889	W	W	2.035	W	W	2.372	W	W	1.973
September 2018	W	W	2.245	W	W	W	W	W	2.709	W	W	2.317
Utah												
September 2019	W	W	1.866	W	W	2.178	W	-	2.156	W	W	1.935
August 2019	W	W	1.971	W	W	2.313	W	-	2.264	W	W	2.042
September 2018	W	W	2.097	W	W	2.385	W	-	2.337	W	W	2.153
Wyoming												
September 2019	W	W	1.855	W	-	1.976	W	-	2.256	W	W	1.920
August 2019	W	W	1.879	W	-	2.008	W	-	2.283	W	W	1.945
September 2018	W	W	2.185	W	-	2.453	W	-	W	W	W	2.249
PAD District 5												
September 2019	2.721	NA	2.287	2.995	2.560	2.491	3.149	NA	2.600	2.828	NA	2.349
August 2019	2.678	2.183	2.106	2.904	2.522	2.317	3.050	NA	2.395	2.767	2.201	2.163
September 2018	2.749	2.523	2.357	2.947	2.729	2.549	3.085	2.743	2.629	2.830	2.545	2.409
Alaska												
September 2019	W	W	W	W	-	W	W	W	2.443	W	W	W
August 2019	W	W	W	W	-	W	W	W	2.397	W	W	W
September 2018	W	W	W	W	-	W	W	W	2.724	W	W	W
Arizona												
September 2019	W	W	2.037	W	W	NA	W	W	2.344	W	W	2.076
August 2019	W	W	1.958	W	W	NA	W	W	2.235	W	W	1.993
September 2018	W	W	2.197	W	W	2.414	W	W	2.438	W	W	2.227
California												
September 2019	2.858	W	2.462	3.065	-	2.588	3.201	-	2.718	2.953	W	2.519
August 2019	2.770	2.257	2.222	2.955	-	2.367	3.082	-	2.468	2.852	2.257	2.277
September 2018	2.798	W	2.445	2.991	-	2.587	3.110	-	2.686	2.882	W	2.497
Hawaii												
September 2019	W	W	W	W	W	W	W	W	W	W	W	W
August 2019	W	W	W	W	W	W	W	NA	W	W	W	W
September 2018	W	W	W	W	W	W	W	W	W	W	W	W
Nevada												
September 2019	W	W	2.169	W	-	2.361	W	-	2.413	W	W	2.223
August 2019	W	W	2.016	W	-	NA	W	-	2.267	W	W	2.070
September 2018	W	W	2.243	W	-	2.378	W	-	2.474	W	W	2.289
Oregon												
September 2019	2.487	-	2.009	2.692	-	2.209	2.818	-	2.306	2.541	-	2.046
August 2019	2.514	-	1.893	2.693	-	2.089	2.814	-	2.190	2.563	-	1.931
September 2018	2.669	-	2.191	2.865	-	2.378	2.984	-	2.475	2.718	-	2.226
Washington												
September 2019	2.296	W	1.987	2.550	W	2.240	2.731	W	2.330	2.362	W	2.047
August 2019	2.351	W	1.936	2.593	W	2.204	2.772	W	2.279	2.415	W	1.997
September 2018	2.475	W	2.253	2.722	W	2.478	2.880	W	2.564	2.537	W	2.305

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Sales to "other end users" are all end-user sales that were not made through company-operated retail outlets, e.g., sales to agricultural customers or utilities.

Notes: - Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2019	W	2.829	1.937	1.898	3.203	1.984
August 2019	W	2.854	1.901	1.864	W	1.861
September 2018	W	3.124	2.257	2.214	3.189	2.246
PAD District 1						
September 2019	W	2.893	1.934	1.920	2.955	2.060
August 2019	W	2.902	1.913	1.881	W	2.231
September 2018	W	3.139	2.251	2.226	3.098	2.328
Subdistrict 1A						
September 2019	W	W	2.004	1.956	W	-
August 2019	W	W	1.983	1.908	W	-
September 2018	-	W	2.313	2.284	W	-
Connecticut						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
Maine						
September 2019	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
September 2018	-	W	W	W	-	-
Massachusetts						
September 2019	-	-	W	1.953	W	-
August 2019	-	-	W	1.903	W	-
September 2018	-	-	2.281	2.280	W	-
New Hampshire						
September 2019	-	-	W	-	W	-
August 2019	-	-	W	-	W	-
September 2018	-	-	W	W	W	-
Rhode Island						
September 2019	-	-	W	W	W	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	W	-
Vermont						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
Subdistrict 1B						
September 2019	-	3.068	1.935	1.912	2.892	2.047
August 2019	W	3.020	1.931	1.869	W	2.132
September 2018	W	3.261	2.262	2.207	3.098	2.314
Delaware						
September 2019	-	-	-	-	W	W
August 2019	-	-	-	-	W	-
September 2018	-	-	-	-	W	W
District of Columbia						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Maryland						
September 2019	-	-	W	1.924	-	W
August 2019	-	-	W	W	-	W
September 2018	-	-	W	2.221	-	W
New Jersey						
September 2019	-	-	1.932	1.914	W	2.037
August 2019	-	-	1.912	1.880	W	-
September 2018	-	-	2.250	2.218	W	W
New York						
September 2019	-	W	1.944	2.008	W	2.204
August 2019	W	W	1.954	1.991	W	2.122
September 2018	W	W	2.270	2.306	W	2.526
Pennsylvania						
September 2019	-	W	W	1.904	2.575	W
August 2019	W	W	W	1.844	W	W
September 2018	-	W	W	2.182	3.147	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2019	W	2.802	1.929	1.928	W	W
August 2019	W	2.844	1.893	1.907	W	W
September 2018	W	3.094	2.238	2.266	W	2.668
Florida						
September 2019	-	2.749	1.936	1.909	W	-
August 2019	-	2.807	1.886	1.884	-	-
September 2018	-	3.044	2.240	2.278	W	-
Georgia						
September 2019	W	W	W	1.935	-	W
August 2019	W	W	W	1.919	-	W
September 2018	W	W	W	2.276	-	W
North Carolina						
September 2019	-	W	W	1.979	W	W
August 2019	-	W	W	2.032	W	W
September 2018	-	W	W	2.209	W	W
South Carolina						
September 2019	-	-	W	1.932	W	W
August 2019	-	-	W	1.914	-	W
September 2018	-	-	W	2.269	W	W
Virginia						
September 2019	-	W	1.898	1.997	-	W
August 2019	-	W	1.890	1.991	-	-
September 2018	-	W	2.221	W	-	W
West Virginia						
September 2019	-	-	-	W	W	-
August 2019	-	-	-	W	W	-
September 2018	-	-	W	W	W	-
PAD District 2						
September 2019	W	2.868	1.910	1.913	W	2.487
August 2019	W	2.853	1.900	1.870	W	2.378
September 2018	W	3.157	2.263	2.247	W	2.741
Illinois						
September 2019	W	W	1.901	W	W	W
August 2019	W	W	1.894	W	W	W
September 2018	W	W	2.291	W	W	W
Indiana						
September 2019	-	-	1.886	1.886	W	W
August 2019	-	-	1.873	1.862	W	W
September 2018	-	-	2.249	2.258	W	W
Iowa						
September 2019	-	-	W	1.977	-	W
August 2019	-	-	W	1.937	-	-
September 2018	-	-	W	2.311	-	-
Kansas						
September 2019	W	W	W	W	-	W
August 2019	W	W	W	W	-	W
September 2018	W	W	W	W	-	W
Kentucky						
September 2019	W	W	1.924	1.917	W	W
August 2019	W	W	1.904	1.883	W	W
September 2018	W	W	2.238	2.227	W	W
Michigan						
September 2019	-	-	W	1.889	W	W
August 2019	-	-	W	1.849	W	W
September 2018	-	-	W	2.212	W	W
Minnesota						
September 2019	W	W	1.946	1.920	W	W
August 2019	W	W	1.875	1.853	W	W
September 2018	W	W	2.235	W	W	W
Missouri						
September 2019	W	W	W	W	-	-
August 2019	W	-	W	W	-	-
September 2018	W	-	W	W	-	-

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2019	W	-	W	W	-	-
August 2019	W	-	W	W	-	-
September 2018	W	-	W	W	-	-
North Dakota						
September 2019	-	-	W	W	W	-
August 2019	-	-	W	W	NA	W
September 2018	-	-	W	W	-	-
Ohio						
September 2019	W	W	1.954	1.885	W	W
August 2019	W	-	1.935	1.848	W	W
September 2018	W	W	2.276	2.218	W	W
Oklahoma						
September 2019	W	-	W	1.898	-	W
August 2019	W	W	W	1.890	-	W
September 2018	W	-	W	2.267	-	W
South Dakota						
September 2019	-	-	W	-	-	-
August 2019	-	-	W	-	-	-
September 2018	-	-	W	-	-	-
Tennessee						
September 2019	W	W	W	1.920	W	W
August 2019	-	W	W	1.907	W	W
September 2018	W	W	2.220	2.250	W	W
Wisconsin						
September 2019	-	-	W	1.931	W	W
August 2019	-	-	W	1.922	W	W
September 2018	-	-	2.300	W	W	W
PAD District 3						
September 2019	W	2.550	1.932	1.867	-	1.924
August 2019	W	2.621	1.899	1.849	-	1.842
September 2018	W	2.909	2.259	2.183	-	2.211
Alabama						
September 2019	-	W	1.913	1.919	-	W
August 2019	W	W	1.910	1.896	-	W
September 2018	-	W	2.269	2.256	-	W
Arkansas						
September 2019	-	-	W	1.965	-	-
August 2019	W	W	W	1.992	-	-
September 2018	W	W	W	W	-	-
Louisiana						
September 2019	-	2.583	1.872	1.871	-	W
August 2019	-	2.649	1.887	1.851	-	W
September 2018	-	2.965	2.197	2.182	-	W
Mississippi						
September 2019	-	W	1.872	1.848	-	-
August 2019	-	W	1.824	1.848	-	-
September 2018	-	W	2.198	2.148	-	-
New Mexico						
September 2019	W	-	W	W	-	-
August 2019	W	-	W	W	-	-
September 2018	W	-	W	W	-	-
Texas						
September 2019	W	W	1.971	1.869	-	W
August 2019	W	W	1.922	1.847	-	W
September 2018	W	W	2.283	2.187	-	W

See footnotes at end of table.

Table 32. Refiner prices of aviation fuels and kerosene by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2019	W	W	2.065	1.990	-	-
August 2019	W	W	2.015	2.002	-	-
September 2018	W	W	2.330	2.312	-	-
Colorado						
September 2019	W	-	1.959	1.945	-	-
August 2019	W	-	1.970	1.973	-	-
September 2018	W	-	2.290	2.283	-	-
Idaho						
September 2019	-	-	W	2.178	-	-
August 2019	-	-	W	2.142	-	-
September 2018	-	-	W	2.410	-	-
Montana						
September 2019	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
September 2018	W	W	W	W	-	-
Utah						
September 2019	W	W	2.122	2.101	-	-
August 2019	-	W	2.033	2.061	-	-
September 2018	W	W	2.336	2.372	-	-
Wyoming						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
PAD District 5						
September 2019	W	3.136	1.945	1.921	W	W
August 2019	W	2.979	1.889	1.859	-	W
September 2018	W	3.265	2.249	2.240	-	W
Alaska						
September 2019	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
September 2018	W	W	W	W	-	-
Arizona						
September 2019	W	W	W	1.972	-	-
August 2019	W	W	W	1.938	-	-
September 2018	W	W	2.281	2.272	-	-
California						
September 2019	-	3.119	1.942	1.909	W	W
August 2019	W	2.917	1.876	1.849	-	W
September 2018	W	3.206	2.235	2.220	-	W
Hawaii						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	W	W	W	-	-
Nevada						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
Oregon						
September 2019	-	3.235	1.961	W	-	-
August 2019	-	3.016	1.928	W	-	-
September 2018	-	3.269	2.280	2.277	-	-
Washington						
September 2019	-	W	1.925	1.904	-	-
August 2019	-	W	1.866	1.848	-	-
September 2018	-	W	2.235	2.280	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 33. Refiner prices of distillate fuels by PAD District and state
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2019	2.348	2.264	2.102	1.954	-	W
August 2019	2.282	2.201	2.038	1.862	-	W
September 2018	W	2.560	2.388	2.280	-	W
PAD District 1						
September 2019	-	W	2.168	1.944	-	-
August 2019	-	W	2.124	1.846	-	-
September 2018	-	2.633	2.415	2.251	-	-
Subdistrict 1A						
September 2019	-	-	W	1.968	-	-
August 2019	-	-	W	1.876	-	-
September 2018	-	-	W	2.270	-	-
Connecticut						
September 2019	-	-	W	1.961	-	-
August 2019	-	-	W	1.880	-	-
September 2018	-	-	W	2.251	-	-
Maine						
September 2019	-	-	-	1.982	-	-
August 2019	-	-	-	1.894	-	-
September 2018	-	-	-	W	-	-
Massachusetts						
September 2019	-	-	W	1.966	-	-
August 2019	-	-	W	1.869	-	-
September 2018	-	-	W	2.284	-	-
New Hampshire						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
Rhode Island						
September 2019	-	-	W	1.967	-	-
August 2019	-	-	W	1.858	-	-
September 2018	-	-	W	NA	-	-
Vermont						
September 2019	-	-	-	W	-	-
August 2019	-	-	-	W	-	-
September 2018	-	-	W	W	-	-
Subdistrict 1B						
September 2019	-	W	W	1.928	-	-
August 2019	-	W	W	1.829	-	-
September 2018	-	2.477	W	2.238	-	-
Delaware						
September 2019	-	-	W	1.949	-	-
August 2019	-	-	W	1.835	-	-
September 2018	-	-	W	2.239	-	-
District of Columbia						
September 2019	-	-	-	W	-	-
August 2019	-	-	-	W	-	-
September 2018	-	-	-	W	-	-
Maryland						
September 2019	-	-	W	1.949	-	-
August 2019	-	-	W	1.848	-	-
September 2018	-	-	-	2.247	-	-
New Jersey						
September 2019	-	-	2.147	1.905	-	-
August 2019	-	-	2.095	1.817	-	-
September 2018	-	-	2.423	2.233	-	-
New York						
September 2019	-	W	2.444	2.005	-	-
August 2019	-	-	2.427	1.906	-	-
September 2018	-	W	2.544	2.308	-	-
Pennsylvania						
September 2019	-	W	2.249	1.935	-	-
August 2019	-	W	2.216	1.823	-	-
September 2018	-	W	2.386	2.230	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2019	-	W	2.101	1.958	-	-
August 2019	-	W	2.044	1.859	-	-
September 2018	-	W	2.390	2.263	-	-
Florida						
September 2019	-	-	2.086	1.991	-	-
August 2019	-	-	2.012	1.877	-	-
September 2018	-	-	2.417	2.289	-	-
Georgia						
September 2019	-	W	2.025	1.929	-	-
August 2019	-	W	1.930	1.845	-	-
September 2018	-	W	2.267	2.258	-	-
North Carolina						
September 2019	-	-	2.134	1.944	-	-
August 2019	-	-	2.095	1.851	-	-
September 2018	-	-	2.389	2.254	-	-
South Carolina						
September 2019	-	-	W	1.941	-	-
August 2019	-	-	W	1.844	-	-
September 2018	-	-	2.489	2.249	-	-
Virginia						
September 2019	-	-	1.972	1.949	-	-
August 2019	-	-	1.861	1.853	-	-
September 2018	-	-	W	2.240	-	-
West Virginia						
September 2019	-	-	W	1.996	-	-
August 2019	-	-	W	1.880	-	-
September 2018	-	-	W	2.268	-	-
PAD District 2						
September 2019	2.390	2.240	2.031	1.903	-	-
August 2019	2.372	2.185	1.967	1.828	-	-
September 2018	W	2.539	2.381	2.300	-	-
Illinois						
September 2019	W	W	2.025	1.799	-	-
August 2019	W	W	2.025	1.786	-	-
September 2018	NA	W	2.480	2.276	-	-
Indiana						
September 2019	-	W	W	1.834	-	-
August 2019	-	W	W	1.805	-	-
September 2018	-	W	W	2.275	-	-
Iowa						
September 2019	-	2.240	2.047	1.982	-	-
August 2019	-	2.109	1.940	1.862	-	-
September 2018	-	W	W	2.349	-	-
Kansas						
September 2019	W	2.106	W	1.945	-	-
August 2019	W	1.964	1.791	1.819	-	-
September 2018	-	2.382	2.263	2.300	-	-
Kentucky						
September 2019	W	W	2.026	1.979	-	-
August 2019	-	W	1.967	1.883	-	-
September 2018	-	W	2.360	2.305	-	-
Michigan						
September 2019	W	2.498	2.276	1.874	-	-
August 2019	W	2.485	2.230	1.831	-	-
September 2018	W	W	2.517	2.299	-	-
Minnesota						
September 2019	W	2.408	2.118	2.023	-	-
August 2019	W	2.274	2.013	1.893	-	-
September 2018	W	2.586	2.431	2.378	-	-
Missouri						
September 2019	W	W	NA	1.967	-	-
August 2019	W	2.287	1.864	1.841	-	-
September 2018	W	2.593	W	2.321	-	-

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)
dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2019	W	W	W	1.984	-	-
August 2019	-	W	W	1.862	-	-
September 2018	-	2.481	W	2.344	-	-
North Dakota						
September 2019	W	W	W	1.960	-	-
August 2019	W	W	1.900	1.877	-	-
September 2018	W	2.555	W	2.349	-	-
Ohio						
September 2019	-	W	2.053	1.869	-	-
August 2019	-	W	2.019	1.812	-	-
September 2018	-	W	2.435	2.278	-	-
Oklahoma						
September 2019	-	W	1.990	1.921	-	-
August 2019	-	W	1.875	1.811	-	-
September 2018	-	W	W	2.285	-	-
South Dakota						
September 2019	W	W	W	2.009	-	-
August 2019	W	W	W	1.894	-	-
September 2018	W	2.525	W	2.372	-	-
Tennessee						
September 2019	-	W	2.069	1.955	-	-
August 2019	-	-	2.004	1.845	-	-
September 2018	-	W	2.351	2.265	-	-
Wisconsin						
September 2019	W	W	2.077	1.860	-	-
August 2019	W	W	2.078	1.833	-	-
September 2018	W	W	2.522	2.333	-	-
PAD District 3						
September 2019	-	-	2.004	1.908	-	W
August 2019	-	-	1.920	1.833	-	W
September 2018	-	-	2.286	2.223	-	W
Alabama						
September 2019	-	-	1.988	1.933	-	-
August 2019	-	-	1.898	1.832	-	-
September 2018	-	-	2.292	2.238	-	-
Arkansas						
September 2019	-	-	W	1.964	-	-
August 2019	-	-	W	1.839	-	-
September 2018	-	-	W	2.279	-	-
Louisiana						
September 2019	-	-	2.075	1.869	-	-
August 2019	-	-	1.978	1.824	-	-
September 2018	-	-	2.331	2.173	-	-
Mississippi						
September 2019	-	-	W	1.934	-	-
August 2019	-	-	W	1.836	-	-
September 2018	-	-	W	2.237	-	-
New Mexico						
September 2019	-	-	2.181	2.053	-	-
August 2019	-	-	2.064	1.970	-	-
September 2018	-	-	2.379	2.346	-	-
Texas						
September 2019	-	-	1.978	1.913	-	W
August 2019	-	-	1.903	1.832	-	W
September 2018	-	-	2.262	2.235	-	W

See footnotes at end of table.

Table 33. Refiner prices of distillate fuels by PAD District and state (cont.)

dollars per gallon excluding taxes

Geographic area month	No. 1 distillate		No. 2 distillate[a]		No. 4 fuel[b]	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2019	W	2.411	2.095	2.092	-	-
August 2019	W	2.247	1.985	1.963	-	-
September 2018	W	2.704	2.420	2.373	-	-
Colorado						
September 2019	-	2.371	2.154	2.105	-	-
August 2019	-	2.279	2.018	1.943	-	-
September 2018	-	2.714	2.408	2.365	-	-
Idaho						
September 2019	W	2.662	2.220	2.036	-	-
August 2019	W	W	2.131	1.869	-	-
September 2018	-	W	2.491	2.331	-	-
Montana						
September 2019	W	2.327	W	1.996	-	-
August 2019	W	2.170	W	1.903	-	-
September 2018	W	2.683	W	2.437	-	-
Utah						
September 2019	W	W	2.073	2.089	-	-
August 2019	-	W	1.989	2.014	-	-
September 2018	-	W	2.462	2.331	-	-
Wyoming						
September 2019	-	2.519	2.039	2.197	-	-
August 2019	-	2.336	1.905	2.044	-	-
September 2018	W	2.699	2.338	2.412	-	-
PAD District 5						
September 2019	W	2.252	2.295	2.138	-	-
August 2019	W	2.204	2.233	2.010	-	-
September 2018	W	2.549	2.478	2.389	-	-
Alaska						
September 2019	W	W	W	W	-	-
August 2019	W	W	W	W	-	-
September 2018	W	W	W	W	-	-
Arizona						
September 2019	-	-	2.127	2.018	-	-
August 2019	-	-	2.081	1.979	-	-
September 2018	-	-	2.389	2.337	-	-
California						
September 2019	-	-	2.470	2.209	-	-
August 2019	-	-	2.384	2.074	-	-
September 2018	-	-	2.568	2.435	-	-
Hawaii						
September 2019	-	-	W	W	-	-
August 2019	-	-	W	W	-	-
September 2018	-	-	W	W	-	-
Nevada						
September 2019	-	-	W	2.077	-	-
August 2019	-	-	W	1.987	-	-
September 2018	-	-	W	2.395	-	-
Oregon						
September 2019	-	W	2.052	2.032	-	-
August 2019	-	-	1.983	1.930	-	-
September 2018	-	W	2.834	2.301	-	-
Washington						
September 2019	W	W	2.164	1.986	-	-
August 2019	W	W	1.972	1.875	-	-
September 2018	-	W	2.404	2.283	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales of No. 2 fuel oil and diesel fuels.

[b] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Volume of Petroleum Products

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Regular				Midgrade					
	Sales to end users		Sales for resale		Sales to end users		Sales for resale			
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
September 2019	19,480.6	19,843.4	16,763.3	234,991.4	11,795.2	1,618.2	1,631.2	167.3	1,644.2	-
August 2019	20,986.9	21,381.9	17,299.7	245,868.6	11,058.0	1,731.1	1,744.1	160.8	1,822.0	-
September 2018	19,844.7	20,142.9	17,110.8	230,037.8	20,689.8	1,675.5	1,687.0	225.9	1,808.2	-
PAD District 1										
September 2019	6,337.2	6,476.4	W	68,562.1	W	558.1	561.5	W	W	-
August 2019	6,743.6	6,895.3	W	W	3,230.9	593.0	596.4	W	W	-
September 2018	6,376.7	6,464.1	W	W	3,466.3	567.4	569.4	W	W	-
Subdistrict 1A										
September 2019	W	W	W	W	-	W	W	-	30.6	-
August 2019	W	W	W	W	-	W	W	-	51.2	-
September 2018	W	W	W	W	W	W	W	-	41.4	-
Connecticut										
September 2019	-	W	-	2,254.6	-	-	-	-	8.9	-
August 2019	-	W	-	2,312.3	-	-	-	-	11.6	-
September 2018	-	W	W	2,128.4	W	-	-	-	11.2	-
Maine										
September 2019	-	-	-	660.7	-	-	-	-	W	-
August 2019	-	-	-	W	-	-	-	-	W	-
September 2018	-	-	W	W	-	-	-	-	W	-
Massachusetts										
September 2019	W	W	-	1,120.1	-	W	W	-	3.7	-
August 2019	W	W	-	1,134.5	-	W	W	-	4.3	-
September 2018	W	W	-	1,181.8	-	W	W	-	8.3	-
New Hampshire										
September 2019	W	W	W	W	-	W	W	-	-	-
August 2019	W	W	W	W	-	W	W	-	-	-
September 2018	W	W	W	W	-	W	W	-	-	-
Rhode Island										
September 2019	W	W	-	823.8	-	W	W	-	W	-
August 2019	W	W	-	897.7	-	W	W	-	W	-
September 2018	W	W	-	W	-	W	W	-	W	-
Vermont										
September 2019	-	-	W	W	-	-	-	-	-	-
August 2019	-	-	W	W	-	-	-	-	W	-
September 2018	-	-	W	W	-	-	-	-	W	-
Subdistrict 1B										
September 2019	3,483.9	3,483.9	W	W	3,292.3	347.4	347.4	W	W	-
August 2019	3,624.6	3,624.6	W	22,919.0	W	361.2	361.2	W	W	-
September 2018	3,269.3	3,269.3	W	21,148.6	W	344.0	344.0	W	W	-
Delaware										
September 2019	W	W	-	1,937.4	-	W	W	-	10.7	-
August 2019	W	W	-	1,949.1	-	W	W	-	13.1	-
September 2018	W	W	-	1,072.1	-	W	W	-	8.8	-
District of Columbia										
September 2019	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
September 2019	-	-	-	3,813.8	-	-	-	-	51.2	-
August 2019	-	-	-	3,973.8	-	-	-	-	64.2	-
September 2018	-	-	-	3,795.9	-	-	-	-	56.0	-
New Jersey										
September 2019	W	W	W	6,936.3	W	W	W	W	W	-
August 2019	W	W	W	7,163.5	W	W	W	W	W	-
September 2018	W	W	W	6,768.4	W	W	W	W	W	-
New York										
September 2019	2,251.1	2,251.1	W	W	W	227.4	227.4	W	W	-
August 2019	2,340.6	2,340.6	W	W	W	236.3	236.3	W	W	-
September 2018	1,985.3	1,985.3	W	W	W	221.6	221.6	W	W	-
Pennsylvania										
September 2019	W	W	-	W	W	W	W	-	15.1	-
August 2019	W	W	-	W	W	W	W	-	16.2	-
September 2018	W	W	-	W	W	W	W	-	18.6	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
United States										
September 2019	2,536.6	2,584.3	4,685.9	30,782.1	1,581.1	23,635.4	24,058.8	21,616.4	267,417.7	13,376.3
August 2019	2,683.5	2,734.6	4,833.8	31,997.5	1,751.1	25,401.5	25,860.6	22,294.3	279,688.2	12,809.1
September 2018	2,504.9	2,535.1	4,766.5	28,865.2	1,920.0	24,025.1	24,365.1	22,103.1	260,711.2	22,609.8
PAD District 1										
September 2019	894.0	920.1	W	W	W	7,789.3	7,958.0	W	W	4,006.3
August 2019	896.3	924.6	W	9,807.5	W	8,233.0	8,416.3	W	83,469.4	W
September 2018	826.5	840.1	W	9,082.8	W	7,770.6	7,873.6	W	77,220.0	W
Subdistrict 1A										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	W	W	W	W	W	5,730.9	W
Connecticut										
September 2019	-	-	-	431.7	-	-	W	-	2,695.3	-
August 2019	-	-	-	432.2	-	-	W	-	2,756.1	-
September 2018	-	-	W	376.0	W	-	W	W	2,515.6	W
Maine										
September 2019	-	-	-	W	-	-	-	-	726.3	-
August 2019	-	-	W	W	-	-	-	W	W	-
September 2018	-	-	W	47.8	-	-	-	W	W	-
Massachusetts										
September 2019	W	W	-	191.5	-	W	W	-	1,315.3	-
August 2019	W	W	-	193.1	-	W	W	-	1,331.9	-
September 2018	W	W	-	189.0	-	W	W	-	1,379.1	-
New Hampshire										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	W	-	W	W	W	W	-
Rhode Island										
September 2019	W	W	-	W	-	W	W	-	980.2	-
August 2019	W	W	-	W	-	W	W	-	1,076.2	-
September 2018	W	W	-	W	-	W	W	-	1,048.4	-
Vermont										
September 2019	-	-	W	W	-	-	-	W	W	-
August 2019	-	-	W	W	-	-	-	W	78.5	-
September 2018	-	-	W	W	-	-	-	W	W	-
Subdistrict 1B										
September 2019	613.0	613.0	W	W	W	4,444.3	4,444.3	W	25,519.7	W
August 2019	580.4	580.4	W	3,371.3	W	4,566.2	4,566.2	W	W	W
September 2018	536.3	536.3	W	W	231.2	4,149.5	4,149.6	W	24,286.0	W
Delaware										
September 2019	W	W	-	235.9	-	W	W	-	2,184.0	-
August 2019	W	W	-	225.4	-	W	W	-	2,187.7	-
September 2018	W	W	-	113.3	-	W	W	-	1,194.2	-
District of Columbia										
September 2019	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
September 2019	-	-	-	646.2	-	-	-	-	4,511.2	-
August 2019	-	-	-	655.3	-	-	-	-	4,693.2	-
September 2018	-	-	-	608.7	-	-	-	-	4,460.6	-
New Jersey										
September 2019	W	W	W	1,050.1	W	W	W	W	W	1,347.8
August 2019	W	W	W	W	W	W	W	W	8,279.3	W
September 2018	W	W	W	983.1	W	W	W	W	W	1,185.6
New York										
September 2019	419.5	419.5	W	912.0	W	2,898.1	2,898.1	W	5,629.7	W
August 2019	384.6	384.6	W	W	W	2,961.6	2,961.6	W	W	W
September 2018	352.6	352.6	W	W	W	2,559.5	2,559.5	W	5,671.2	W
Pennsylvania										
September 2019	W	W	-	W	W	W	W	-	W	W
August 2019	W	W	-	W	W	W	W	-	W	W
September 2018	W	W	-	W	W	W	W	-	W	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular						Midgrade					
	Sales to end users			Sales for resale			Sales to end users			Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk		
Subdistrict 1C												
September 2019	W	W	-	W	W	W	W	-	441.1	-	-	-
August 2019	W	W	-	W	W	W	W	-	474.5	-	-	-
September 2018	W	W	-	41,425.8	242.3	W	W	-	471.7	-	-	-
Florida												
September 2019	W	W	-	13,009.8	NA	W	W	-	130.6	-	-	-
August 2019	W	W	-	W	W	W	W	-	153.1	-	-	-
September 2018	W	W	-	13,296.3	-	W	W	-	126.3	-	-	-
Georgia												
September 2019	W	W	-	8,355.4	-	W	W	-	53.1	-	-	-
August 2019	W	W	-	8,605.8	-	W	W	-	55.1	-	-	-
September 2018	W	W	-	W	W	W	W	-	56.5	-	-	-
North Carolina												
September 2019	W	W	-	8,649.0	-	W	W	-	137.1	-	-	-
August 2019	W	W	-	9,075.1	-	W	W	-	132.5	-	-	-
September 2018	W	W	-	W	W	W	W	-	156.9	-	-	-
South Carolina												
September 2019	W	W	-	4,236.8	-	W	W	-	37.0	-	-	-
August 2019	W	W	-	4,455.5	-	W	W	-	40.4	-	-	-
September 2018	W	W	-	4,081.0	-	W	W	-	41.7	-	-	-
Virginia												
September 2019	-	W	-	W	W	-	-	-	75.8	-	-	-
August 2019	-	W	-	W	W	-	-	-	82.5	-	-	-
September 2018	-	-	-	W	W	-	-	-	82.1	-	-	-
West Virginia												
September 2019	W	W	-	W	W	W	W	-	7.5	-	-	-
August 2019	W	W	-	W	W	W	W	-	11.0	-	-	-
September 2018	W	W	-	W	W	W	W	-	8.3	-	-	-
PAD District 2												
September 2019	W	W	-	76,873.4	436.2	W	W	-	438.7	-	-	-
August 2019	W	W	-	80,059.7	1,292.5	W	W	-	490.3	-	-	-
September 2018	W	W	-	74,884.3	1,009.9	307.9	314.6	-	494.8	-	-	-
Illinois												
September 2019	W	W	-	W	W	W	W	-	56.3	-	-	-
August 2019	W	W	-	W	W	W	W	-	59.3	-	-	-
September 2018	W	W	-	W	W	W	W	-	75.6	-	-	-
Indiana												
September 2019	W	W	-	5,769.7	NA	W	W	-	14.0	-	-	-
August 2019	W	W	-	5,955.5	-	W	W	-	16.0	-	-	-
September 2018	W	W	-	W	W	W	W	-	21.1	-	-	-
Iowa												
September 2019	-	W	-	3,086.9	-	-	-	-	50.2	-	-	-
August 2019	-	W	-	3,096.5	-	-	-	-	55.0	-	-	-
September 2018	-	W	-	2,295.7	-	-	-	-	50.9	-	-	-
Kansas												
September 2019	W	W	-	W	W	W	W	-	17.1	-	-	-
August 2019	W	W	-	W	W	W	W	-	16.2	-	-	-
September 2018	W	W	-	W	W	W	W	-	19.2	-	-	-
Kentucky												
September 2019	W	W	-	3,882.6	-	W	W	-	12.5	-	-	-
August 2019	W	W	-	3,928.2	-	W	W	-	13.5	-	-	-
September 2018	W	W	-	W	W	W	W	-	12.2	-	-	-
Michigan												
September 2019	W	W	-	9,830.3	NA	W	W	-	13.9	-	-	-
August 2019	W	W	-	W	W	W	W	-	20.4	-	-	-
September 2018	W	W	-	9,876.7	-	W	W	-	16.5	-	-	-
Minnesota												
September 2019	W	W	-	4,763.1	-	W	37.7	-	59.6	-	-	-
August 2019	W	W	-	4,899.0	-	W	40.0	-	64.1	-	-	-
September 2018	W	W	-	4,690.8	-	W	W	-	75.9	-	-	-
Missouri												
September 2019	-	W	-	3,243.8	-	-	-	-	12.2	-	-	-
August 2019	-	W	-	W	W	-	-	-	12.4	-	-	-
September 2018	-	W	-	W	W	-	-	-	16.0	-	-	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium				All grades				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
Subdistrict 1C									
September 2019	W	W	-	W	W	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	50,917.5
September 2018	W	W	-	5,305.6	-	W	W	-	47,203.2
Florida									
September 2019	W	W	-	1,960.5	-	W	W	-	15,100.9
August 2019	W	W	-	1,971.2	-	W	W	-	W
September 2018	W	W	-	1,816.5	-	W	W	-	15,239.1
Georgia									
September 2019	W	W	-	W	W	W	W	-	W
August 2019	W	W	-	1,055.9	-	W	W	-	9,716.8
September 2018	W	W	-	1,041.8	-	W	W	-	W
North Carolina									
September 2019	W	W	-	1,088.3	-	W	W	-	9,874.4
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	1,065.5	-	W	W	-	W
South Carolina									
September 2019	W	W	-	441.9	-	W	W	-	4,715.6
August 2019	W	W	-	469.5	-	W	W	-	4,965.5
September 2018	W	W	-	425.5	-	W	W	-	4,548.2
Virginia									
September 2019	-	W	-	920.6	-	-	W	-	W
August 2019	-	W	-	932.9	-	-	W	-	W
September 2018	-	-	-	922.4	-	-	-	-	W
West Virginia									
September 2019	W	W	-	46.1	-	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	33.9	-	W	W	-	W
PAD District 2									
September 2019	W	W	-	6,858.7	521.9	W	W	-	84,170.8
August 2019	W	W	-	7,407.6	400.9	W	W	-	87,957.6
September 2018	W	445.3	-	6,405.6	425.0	W	W	-	81,784.7
Illinois									
September 2019	W	W	-	1,164.1	-	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	W	W	W	W	-	11,757.9
Indiana									
September 2019	W	W	-	W	W	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	W	W	W	W	-	W
Iowa									
September 2019	-	-	-	283.2	-	-	W	-	3,420.3
August 2019	-	-	-	296.5	-	-	W	-	3,447.9
September 2018	-	-	-	262.0	-	-	W	-	2,608.6
Kansas									
September 2019	-	-	-	W	W	W	W	-	W
August 2019	-	-	-	W	W	W	W	-	W
September 2018	-	-	-	W	W	W	W	-	4,394.4
Kentucky									
September 2019	W	W	-	249.9	-	W	W	-	4,145.0
August 2019	W	W	-	258.2	-	W	W	-	4,199.9
September 2018	W	W	-	219.4	-	W	W	-	W
Michigan									
September 2019	W	W	-	W	W	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	W	W	W	W	-	W
Minnesota									
September 2019	W	W	-	W	W	W	W	-	W
August 2019	W	W	-	W	W	W	W	-	W
September 2018	W	W	-	W	W	W	W	-	W
Missouri									
September 2019	-	-	-	W	W	-	W	-	W
August 2019	-	-	-	W	W	-	W	-	W
September 2018	-	-	-	W	W	-	W	-	W

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular				Midgrade				
	Sales to end users		Sales for resale		Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack
PAD District 2 (cont.)									
Nebraska									
September 2019	W	W	-	1,538.9	-	W	W	-	18.4
August 2019	W	W	-	1,604.0	-	W	W	-	19.7
September 2018	W	W	-	1,486.3	-	W	W	-	14.6
North Dakota									
September 2019	W	W	-	847.5	-	W	W	-	17.0
August 2019	W	W	-	945.5	-	W	W	-	17.6
September 2018	W	W	-	832.9	-	W	W	-	16.1
Ohio									
September 2019	W	W	-	10,026.5	-	W	W	-	28.6
August 2019	W	W	-	10,529.4	-	W	W	-	36.3
September 2018	W	W	-	9,914.2	-	W	W	-	40.2
Oklahoma									
September 2019	W	W	-	W	W	W	W	-	5.7
August 2019	W	W	-	4,048.6	162.6	W	W	-	6.5
September 2018	W	W	-	3,770.4	623.0	W	W	-	5.1
South Dakota									
September 2019	W	W	-	1,038.7	-	W	W	-	15.7
August 2019	W	W	-	1,141.0	-	W	W	-	15.8
September 2018	W	W	-	959.1	-	W	W	-	17.8
Tennessee									
September 2019	W	W	-	9,203.3	-	W	W	-	82.9
August 2019	W	W	-	9,828.5	-	W	W	-	97.3
September 2018	W	W	-	9,094.7	-	W	W	-	77.2
Wisconsin									
September 2019	W	W	-	4,983.8	-	W	W	-	34.5
August 2019	W	W	-	5,324.2	-	W	W	-	40.0
September 2018	W	W	-	4,883.0	-	W	W	-	36.4
PAD District 3									
September 2019	920.0	971.8	205.3	50,163.4	6,132.8	86.4	86.6	W	W
August 2019	1,034.6	1,089.3	W	51,600.5	W	95.9	96.3	W	W
September 2018	919.6	953.3	W	48,412.8	W	89.2	89.2	W	W
Alabama									
September 2019	W	W	-	5,136.1	-	W	W	-	34.3
August 2019	W	W	-	5,399.6	-	W	W	-	42.9
September 2018	-	W	-	4,712.0	-	-	-	-	39.2
Arkansas									
September 2019	-	-	-	2,976.2	-	-	-	-	13.2
August 2019	-	-	-	2,952.2	-	-	-	-	13.5
September 2018	-	-	-	2,796.7	-	-	-	-	15.5
Louisiana									
September 2019	-	W	-	W	W	-	-	-	9.9
August 2019	-	W	-	W	W	-	-	-	12.5
September 2018	-	W	-	W	W	-	-	-	15.4
Mississippi									
September 2019	-	-	-	2,745.6	549.5	-	-	-	19.8
August 2019	-	-	-	W	W	-	-	-	24.6
September 2018	-	-	-	W	W	-	-	-	21.2
New Mexico									
September 2019	W	417.8	W	W	-	W	W	W	W
August 2019	W	451.3	W	W	-	W	W	W	W
September 2018	W	397.2	W	W	-	W	W	W	W
Texas									
September 2019	500.2	501.2	W	32,179.8	W	37.8	37.9	-	119.4
August 2019	585.7	586.5	W	32,856.8	W	43.9	44.1	-	146.5
September 2018	W	536.9	W	30,866.5	W	W	W	-	153.8

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)										
Nebraska										
September 2019	-	-	-	-	169.6	-	W	W	-	1,726.9
August 2019	-	-	-	-	171.5	-	W	W	-	1,795.2
September 2018	-	-	-	-	160.2	-	W	W	-	1,661.1
North Dakota										
September 2019	W	W	-	-	98.5	-	W	W	-	963.0
August 2019	W	W	-	-	117.5	-	W	W	-	1,080.7
September 2018	W	W	-	-	84.8	-	W	W	-	933.7
Ohio										
September 2019	W	W	-	-	W	W	W	W	-	W
August 2019	W	W	-	-	W	W	W	W	-	W
September 2018	W	W	-	-	W	W	W	W	-	W
Oklahoma										
September 2019	W	W	-	-	W	W	W	W	-	4,413.8
August 2019	W	W	-	-	493.2	212.7	W	W	-	4,548.3
September 2018	W	W	-	-	384.2	140.0	W	W	-	4,159.7
South Dakota										
September 2019	W	W	-	-	110.0	-	W	W	-	1,164.4
August 2019	W	W	-	-	143.0	-	W	W	-	1,299.8
September 2018	W	W	-	-	86.1	-	W	W	-	1,063.0
Tennessee										
September 2019	W	W	-	-	909.9	-	W	W	-	10,196.0
August 2019	W	W	-	-	983.1	-	W	W	-	10,908.9
September 2018	W	W	-	-	857.4	-	W	W	-	10,029.3
Wisconsin										
September 2019	W	W	-	-	467.9	-	W	W	-	5,486.2
August 2019	W	W	-	-	553.3	-	W	W	-	5,917.5
September 2018	W	W	-	-	444.3	-	W	W	-	5,363.7
PAD District 3										
September 2019	84.1	95.4	W	W	305.3	1,090.5	1,153.8	237.7	55,984.4	6,438.1
August 2019	95.5	106.8	W	W	599.6	1,226.0	1,292.4	W	57,494.6	W
September 2018	84.2	90.0	W	W	803.5	1,093.0	1,132.6	W	53,759.8	W
Alabama										
September 2019	W	W	-	-	469.8	-	W	W	-	5,640.2
August 2019	W	W	-	-	481.9	-	W	W	-	5,924.5
September 2018	-	W	-	-	433.9	-	-	W	-	5,185.1
Arkansas										
September 2019	-	-	-	-	269.1	-	-	-	-	3,258.5
August 2019	-	-	-	-	270.8	-	-	-	-	3,236.5
September 2018	-	-	-	-	234.7	-	-	-	-	3,046.9
Louisiana										
September 2019	-	-	-	-	W	W	-	W	-	6,351.8
August 2019	-	-	-	-	W	W	-	W	-	6,645.5
September 2018	-	-	-	-	W	W	-	W	-	6,215.4
Mississippi										
September 2019	-	-	-	-	228.1	-	-	-	-	2,993.5
August 2019	-	-	-	-	236.6	-	-	-	-	W
September 2018	-	-	-	-	215.2	-	-	-	-	W
New Mexico										
September 2019	W	W	W	W	-	W	508.6	W	W	-
August 2019	W	W	W	W	-	W	549.0	W	W	-
September 2018	W	W	W	W	-	W	491.7	W	W	-
Texas										
September 2019	42.2	42.2	W	W	W	580.1	581.3	W	W	2,940.5
August 2019	50.4	50.5	W	W	3,864.0	680.1	681.1	W	36,867.3	W
September 2018	W	W	W	W	3,498.4	W	W	617.2	W	34,518.7

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular					Midgrade				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
September 2019	W	W	W	W	-	W	W	-	131.9	-
August 2019	W	W	W	W	W	W	W	-	137.0	-
September 2018	W	W	W	W	W	74.0	76.2	-	131.0	-
Colorado										
September 2019	W	148.8	W	W	-	42.0	42.4	-	42.2	-
August 2019	W	172.1	W	W	W	45.5	46.7	-	44.4	-
September 2018	W	146.6	W	W	W	44.5	45.3	-	51.1	-
Idaho										
September 2019	W	W	-	1,485.7	-	W	W	-	6.4	-
August 2019	W	W	-	1,484.7	-	W	W	-	7.7	-
September 2018	W	W	-	1,443.0	-	W	W	-	7.9	-
Montana										
September 2019	W	W	-	1,333.4	-	W	W	-	7.5	-
August 2019	W	W	-	1,500.6	-	W	W	-	8.1	-
September 2018	W	W	-	1,320.0	-	W	W	-	W	-
Utah										
September 2019	W	W	W	W	-	W	W	-	62.8	-
August 2019	W	W	W	W	-	W	W	-	58.8	-
September 2018	W	W	W	W	W	W	W	-	54.1	-
Wyoming										
September 2019	W	11.0	-	930.5	-	W	W	-	13.0	-
August 2019	W	12.9	-	980.0	-	W	W	-	18.0	-
September 2018	W	11.4	-	907.7	-	W	W	-	W	-
PAD District 5										
September 2019	4,048.0	4,106.5	15,270.4	W	W	595.8	596.5	164.4	274.5	-
August 2019	4,601.9	4,666.3	15,722.1	29,655.5	1,332.5	646.2	647.0	W	W	-
September 2018	4,376.8	4,439.9	15,755.3	28,346.2	2,775.6	637.0	637.7	W	W	-
Alaska										
September 2019	W	W	64.3	427.9	W	W	W	W	W	-
August 2019	W	W	106.6	481.1	W	W	W	W	W	-
September 2018	W	W	71.8	W	NA	W	W	W	W	-
Arizona										
September 2019	W	W	1,176.3	W	W	W	W	W	W	-
August 2019	W	316.6	1,257.8	W	W	W	W	W	W	-
September 2018	W	W	W	4,258.5	W	W	W	W	W	-
California										
September 2019	2,854.8	2,856.5	11,563.2	14,231.6	1,147.7	514.5	514.5	117.9	186.0	-
August 2019	3,381.2	3,383.0	11,753.4	14,614.8	938.4	559.7	559.7	120.4	165.8	-
September 2018	3,178.1	3,179.1	11,885.2	13,925.8	1,957.4	544.7	544.7	138.0	177.2	-
Hawaii										
September 2019	W	W	W	W	W	W	W	W	W	-
August 2019	W	W	W	W	W	W	W	W	W	-
September 2018	W	W	W	W	W	W	W	W	W	-
Nevada										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	1,485.1	W	W	W	W	W	-
Oregon										
September 2019	86.7	86.7	687.3	2,986.4	-	5.6	5.6	2.9	6.1	-
August 2019	91.3	91.3	727.1	3,318.1	-	6.2	6.2	W	W	-
September 2018	95.6	95.6	776.0	3,047.1	-	6.2	6.2	3.9	7.1	-
Washington										
September 2019	360.8	366.6	W	4,932.3	W	31.0	31.1	W	W	-
August 2019	370.5	376.8	W	5,302.8	W	32.6	32.8	W	W	-
September 2018	346.7	353.1	W	4,951.1	W	29.9	30.2	W	W	-

See footnotes at end of table.

Table 39. Refiner motor gasoline volumes by grade, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium					All grades				
	Sales to end users		Sales for resale			Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 4										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	W	W	W	W	14,428.7	W
September 2018	W	67.6	W	W	W	W	W	W	13,391.1	W
Colorado										
September 2019	W	34.0	W	W	-	220.9	225.3	W	W	-
August 2019	W	37.7	W	1,121.9	W	251.4	256.5	W	W	W
September 2018	W	32.4	W	W	-	218.9	224.3	W	5,599.0	W
Idaho										
September 2019	W	W	-	275.5	-	W	W	-	1,767.5	-
August 2019	W	W	-	284.3	-	W	W	-	1,776.8	-
September 2018	W	W	-	246.0	-	W	W	-	1,696.8	-
Montana										
September 2019	W	W	-	271.2	-	W	W	-	1,612.0	-
August 2019	W	W	-	311.9	-	W	W	-	1,820.6	-
September 2018	W	W	-	W	-	W	W	-	1,572.9	-
Utah										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	W	W	W	W	W	3,457.9	W
Wyoming										
September 2019	W	W	-	177.7	-	W	14.0	-	1,121.2	-
August 2019	W	W	-	187.4	-	W	16.6	-	1,185.4	-
September 2018	W	W	-	W	-	W	14.2	-	1,064.4	-
PAD District 5										
September 2019	1,031.9	1,037.7	4,278.3	W	W	5,675.7	5,740.7	19,713.1	34,707.2	1,973.7
August 2019	1,126.9	1,132.7	4,390.5	W	W	6,375.0	6,446.1	W	36,337.9	W
September 2018	1,085.6	1,092.1	4,383.1	W	W	6,099.4	6,169.6	W	34,555.6	W
Alaska										
September 2019	W	W	W	34.5	-	W	W	78.6	W	W
August 2019	W	W	W	37.8	-	W	W	125.3	W	W
September 2018	W	W	W	33.6	-	W	W	W	W	NA
Arizona										
September 2019	W	W	150.4	611.7	-	W	W	W	4,793.6	W
August 2019	W	W	159.9	591.7	-	W	364.8	W	4,764.7	W
September 2018	W	W	144.7	W	W	W	W	W	4,867.5	W
California										
September 2019	870.4	870.4	3,503.6	3,722.7	335.7	4,239.7	4,241.4	15,184.7	18,140.3	1,483.4
August 2019	958.1	958.1	3,571.5	3,828.7	286.4	4,899.0	4,900.8	15,445.2	18,609.4	1,224.8
September 2018	912.7	912.7	3,597.0	3,567.4	330.7	4,635.5	4,636.5	15,620.2	17,670.4	2,288.1
Hawaii										
September 2019	W	W	W	W	W	W	W	W	W	W
August 2019	W	W	W	W	W	W	W	W	W	W
September 2018	W	W	W	W	W	W	W	W	W	W
Nevada										
September 2019	W	W	W	W	-	W	W	W	W	-
August 2019	W	W	W	W	-	W	W	W	W	-
September 2018	W	W	W	W	-	W	W	W	1,840.1	W
Oregon										
September 2019	13.8	13.8	120.0	404.7	-	106.1	106.1	810.1	3,397.3	-
August 2019	14.7	14.7	129.1	W	W	112.2	112.2	W	3,773.4	W
September 2018	14.1	14.1	126.8	391.6	-	115.9	115.9	906.8	3,445.7	-
Washington										
September 2019	48.2	48.6	215.8	W	W	440.0	446.4	W	5,943.6	W
August 2019	50.8	51.1	228.2	W	W	453.8	460.7	W	6,434.0	W
September 2018	45.9	46.1	226.3	W	W	422.5	429.4	W	5,929.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
					Bulk
United States					
September 2019	14,807.3		15,154.8	4,165.6	188,699.3
August 2019	15,775.0		16,151.5	4,490.9	198,924.5
September 2018	14,585.7		14,904.1	4,266.3	183,776.9
PAD District 1					
September 2019	W	W	W	W	50,093.2
August 2019	W	W	W	W	53,820.6
September 2018	W	W	W	W	49,216.8
Subdistrict 1A					
September 2019	-	-	-	W	W
August 2019	-	-	-	W	W
September 2018	-	-	-	W	W
Connecticut					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
Maine					
September 2019	-	-	-	-	W
August 2019	-	-	-	W	W
September 2018	-	-	-	W	W
Massachusetts					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
New Hampshire					
September 2019	-	-	-	W	-
August 2019	-	-	-	W	-
September 2018	-	-	-	W	-
Rhode Island					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
Vermont					
September 2019	-	-	-	W	W
August 2019	-	-	-	W	78.5
September 2018	-	-	-	W	-
Subdistrict 1B					
September 2019	W	W	W	W	2,006.6
August 2019	W	W	W	W	W
September 2018	W	W	W	W	W
Delaware					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
District of Columbia					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
Maryland					
September 2019	-	-	-	-	485.8
August 2019	-	-	-	-	546.0
September 2018	-	-	-	-	429.2
New Jersey					
September 2019	-	-	-	-	W
August 2019	-	-	-	-	-
September 2018	-	-	-	-	237.3
New York					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	W
September 2018	W	W	W	W	W
Pennsylvania					
September 2019	W	W	-	-	W
August 2019	W	W	-	-	W
September 2018	W	W	-	-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated					
	Sales to end users		Total[a]	DTW	Sales for resale	
	Through retail outlets				Rack	
					Bulk	
United States						
September 2019	8,828.0		8,904.1	17,450.8	78,718.4	3,033.4
August 2019	9,626.5		9,709.2	17,803.4	80,763.6	2,873.5
September 2018	9,439.3		9,461.0	17,836.8	76,934.3	3,112.8
PAD District 1						
September 2019	W		W	W	W	W
August 2019	W		W	W	29,648.7	W
September 2018	W		W	W	28,003.2	W
Subdistrict 1A						
September 2019	W		W	-	5,373.2	-
August 2019	W		W	-	5,596.8	-
September 2018	W		W	W	W	W
Connecticut						
September 2019	-		W	-	2,695.3	-
August 2019	-		W	-	2,756.1	-
September 2018	-		W	W	2,515.6	W
Maine						
September 2019	-		-	-	W	-
August 2019	-		-	-	W	-
September 2018	-		-	-	W	-
Massachusetts						
September 2019	W		W	-	1,315.3	-
August 2019	W		W	-	1,331.9	-
September 2018	W		W	-	1,379.1	-
New Hampshire						
September 2019	W		W	-	W	-
August 2019	W		W	-	W	-
September 2018	W		W	-	W	-
Rhode Island						
September 2019	W		W	-	W	-
August 2019	W		W	-	W	-
September 2018	W		W	-	1,048.4	-
Vermont						
September 2019	-		-	-	-	-
August 2019	-		-	-	-	-
September 2018	-		-	-	-	-
Subdistrict 1B						
September 2019	W		W	W	W	W
August 2019	W		W	W	19,607.7	W
September 2018	W		W	W	W	1,270.5
Delaware						
September 2019	W		W	-	2,184.0	-
August 2019	W		W	-	2,187.7	-
September 2018	W		W	-	1,194.2	-
District of Columbia						
September 2019	-		-	-	-	-
August 2019	-		-	-	-	-
September 2018	-		-	-	-	-
Maryland						
September 2019	-		-	-	4,025.4	-
August 2019	-		-	-	4,147.2	-
September 2018	-		-	-	4,031.4	-
New Jersey						
September 2019	W		W	W	W	W
August 2019	W		W	W	8,279.3	W
September 2018	W		W	W	W	948.3
New York						
September 2019	W		W	W	W	W
August 2019	W		W	W	W	W
September 2018	W		W	W	W	W
Pennsylvania						
September 2019	W		W	-	W	W
August 2019	W		W	-	W	W
September 2018	W		W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets	Total[a]		Rack	Bulk
United States					
September 2019	23,635.4	24,058.8	21,616.4	267,417.7	13,376.3
August 2019	25,401.5	25,860.6	22,294.3	279,688.2	12,809.1
September 2018	24,025.1	24,365.1	22,103.1	260,711.2	22,609.8
PAD District 1					
September 2019	7,789.3	7,958.0	W	W	4,006.3
August 2019	8,233.0	8,416.3	W	83,469.4	W
September 2018	7,770.6	7,873.6	W	77,220.0	W
Subdistrict 1A					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	5,730.9	W
Connecticut					
September 2019	-	W	-	2,695.3	-
August 2019	-	W	-	2,756.1	-
September 2018	-	W	W	2,515.6	W
Maine					
September 2019	-	-	-	726.3	-
August 2019	-	-	W	W	-
September 2018	-	-	W	W	-
Massachusetts					
September 2019	W	W	-	1,315.3	-
August 2019	W	W	-	1,331.9	-
September 2018	W	W	-	1,379.1	-
New Hampshire					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	W	-
Rhode Island					
September 2019	W	W	-	980.2	-
August 2019	W	W	-	1,076.2	-
September 2018	W	W	-	1,048.4	-
Vermont					
September 2019	-	-	W	W	-
August 2019	-	-	W	78.5	-
September 2018	-	-	W	W	-
Subdistrict 1B					
September 2019	4,444.3	4,444.3	W	25,519.7	W
August 2019	4,566.2	4,566.2	W	W	W
September 2018	4,149.5	4,149.6	W	24,286.0	W
Delaware					
September 2019	W	W	-	2,184.0	-
August 2019	W	W	-	2,187.7	-
September 2018	W	W	-	1,194.2	-
District of Columbia					
September 2019	-	-	-	-	-
August 2019	-	-	-	-	-
September 2018	-	-	-	-	-
Maryland					
September 2019	-	-	-	4,511.2	-
August 2019	-	-	-	4,693.2	-
September 2018	-	-	-	4,460.6	-
New Jersey					
September 2019	W	W	W	W	1,347.8
August 2019	W	W	W	8,279.3	W
September 2018	W	W	W	W	1,185.6
New York					
September 2019	2,898.1	2,898.1	W	5,629.7	W
August 2019	2,961.6	2,961.6	W	W	W
September 2018	2,559.5	2,559.5	W	5,671.2	W
Pennsylvania					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional					
	Sales to end users		Total[a]	Sales for resale		
	Through retail outlets	Total		DTW	Rack	Bulk
Subdistrict 1C						
September 2019	W	W	-	W	W	W
August 2019	W	W	-	46,473.4	376.7	
September 2018	W	W	-	42,797.6	242.3	
Florida						
September 2019	W	W	-	15,100.9	NA	
August 2019	W	W	-	W	W	
September 2018	W	W	-	15,239.1	-	
Georgia						
September 2019	W	W	-	W	W	W
August 2019	W	W	-	9,716.8	-	
September 2018	W	W	-	W	W	
North Carolina						
September 2019	W	W	-	9,874.4	-	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
South Carolina						
September 2019	W	W	-	4,715.6	-	
August 2019	W	W	-	4,965.5	-	
September 2018	W	W	-	4,548.2	-	
Virginia						
September 2019	-	-	-	W	W	
August 2019	-	-	-	W	W	
September 2018	-	-	-	W	W	
West Virginia						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
PAD District 2						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	7,173.1	-	W	W	
Illinois						
September 2019	W	W	-	3,762.1	-	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
Indiana						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
Iowa						
September 2019	-	W	-	3,420.3	-	
August 2019	-	W	-	3,447.9	-	
September 2018	-	W	-	2,608.6	-	
Kansas						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	W	-	4,394.4	364.0	
Kentucky						
September 2019	W	W	-	3,306.8	-	
August 2019	W	W	-	3,309.2	-	
September 2018	W	W	-	W	W	
Michigan						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
Minnesota						
September 2019	W	W	-	W	W	
August 2019	W	W	-	W	W	
September 2018	W	W	-	W	W	
Missouri						
September 2019	-	W	-	2,940.7	-	
August 2019	-	W	-	W	W	
September 2018	-	W	-	2,866.4	-	

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets		Total[a]	DTW	Rack
Subdistrict 1C					
September 2019	-		W	-	4,335.4
August 2019	-		W	-	4,444.2
September 2018	-		-	-	4,405.6
Florida					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Georgia					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
North Carolina					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
South Carolina					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Virginia					
September 2019	-		W	-	4,335.4
August 2019	-		W	-	4,444.2
September 2018	-		-	-	4,405.6
West Virginia					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
PAD District 2					
September 2019	W		W	-	W
August 2019	W		W	-	W
September 2018	W		W	-	W
Illinois					
September 2019	W		W	-	W
August 2019	W		W	-	W
September 2018	W		W	-	W
Indiana					
September 2019	W		W	-	945.1
August 2019	W		W	-	972.4
September 2018	W		W	-	925.9
Iowa					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Kansas					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Kentucky					
September 2019	W		W	-	838.1
August 2019	W		W	-	890.8
September 2018	W		W	-	647.5
Michigan					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Minnesota					
September 2019	-		-	-	-
August 2019	-		-	-	-
September 2018	-		-	-	-
Missouri					
September 2019	-		-	-	W
August 2019	-		-	-	W
September 2018	-		-	-	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
Subdistrict 1C					
September 2019	W	W	-	W	W
August 2019	W	W	-	50,917.5	376.7
September 2018	W	W	-	47,203.2	242.3
Florida					
September 2019	W	W	-	15,100.9	NA
August 2019	W	W	-	W	W
September 2018	W	W	-	15,239.1	-
Georgia					
September 2019	W	W	-	W	W
August 2019	W	W	-	9,716.8	-
September 2018	W	W	-	W	W
North Carolina					
September 2019	W	W	-	9,874.4	-
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
South Carolina					
September 2019	W	W	-	4,715.6	-
August 2019	W	W	-	4,965.5	-
September 2018	W	W	-	4,548.2	-
Virginia					
September 2019	-	W	-	W	W
August 2019	-	W	-	W	W
September 2018	-	-	-	W	W
West Virginia					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
PAD District 2					
September 2019	W	W	-	84,170.8	958.1
August 2019	W	W	-	87,957.6	1,693.4
September 2018	W	W	-	81,784.7	1,434.9
Illinois					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	11,757.9	81.1
Indiana					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
Iowa					
September 2019	-	W	-	3,420.3	-
August 2019	-	W	-	3,447.9	-
September 2018	-	W	-	2,608.6	-
Kansas					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	4,394.4	364.0
Kentucky					
September 2019	W	W	-	4,145.0	-
August 2019	W	W	-	4,199.9	-
September 2018	W	W	-	W	W
Michigan					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
Minnesota					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
Missouri					
September 2019	-	W	-	W	W
August 2019	-	W	-	W	W
September 2018	-	W	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Sales for resale		
	Through retail outlets	Total[a]	DTW	Rack	Bulk
PAD District 2 (cont.)					
Nebraska					
September 2019	W	W	-	1,726.9	-
August 2019	W	W	-	1,795.2	-
September 2018	W	W	-	1,661.1	-
North Dakota					
September 2019	W	W	-	963.0	-
August 2019	W	W	-	1,080.7	-
September 2018	W	W	-	933.7	-
Ohio					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
Oklahoma					
September 2019	W	W	-	4,413.8	415.8
August 2019	W	W	-	4,548.3	375.3
September 2018	W	W	-	4,159.7	763.0
South Dakota					
September 2019	W	W	-	1,164.4	-
August 2019	W	W	-	1,299.8	-
September 2018	W	W	-	1,063.0	-
Tennessee					
September 2019	W	W	-	10,196.0	-
August 2019	W	W	-	10,908.9	-
September 2018	W	W	-	10,029.3	-
Wisconsin					
September 2019	W	W	-	3,889.3	-
August 2019	W	W	-	4,278.4	-
September 2018	W	51.1	-	3,916.0	-
PAD District 3					
September 2019	W	W	237.7	W	W
August 2019	W	W	-	40,607.7	W
September 2018	1,093.0	1,132.6	W	W	W
Alabama					
September 2019	W	W	-	5,640.2	-
August 2019	W	W	-	5,924.5	-
September 2018	-	W	-	5,185.1	-
Arkansas					
September 2019	-	-	-	3,258.5	-
August 2019	-	-	-	3,236.5	-
September 2018	-	-	-	3,046.9	-
Louisiana					
September 2019	-	W	-	6,351.8	2,948.0
August 2019	-	W	-	6,645.5	2,583.4
September 2018	-	W	-	6,215.4	3,431.6
Mississippi					
September 2019	-	-	-	2,993.5	549.5
August 2019	-	-	-	W	W
September 2018	-	-	-	W	W
New Mexico					
September 2019	W	508.6	W	W	-
August 2019	W	549.0	W	W	-
September 2018	W	491.7	W	W	-
Texas					
September 2019	W	W	W	W	W
August 2019	W	W	W	W	W
September 2018	W	617.2	W	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated					
	Sales to end users		Total[a]	DTW	Rack	Bulk
	Through retail outlets	Total				
PAD District 2 (cont.)						
Nebraska						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
North Dakota						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Ohio						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Oklahoma						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
South Dakota						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Tennessee						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Wisconsin						
September 2019	W	W	-	-	1,597.0	-
August 2019	W	W	-	-	1,639.1	-
September 2018	W	W	-	-	1,447.7	-
PAD District 3						
Alabama						
September 2019	W	W	-	-	W	-
August 2019	W	W	-	-	16,886.9	-
September 2018	-	-	-	-	W	W
Arkansas						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Louisiana						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Mississippi						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
New Mexico						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Texas						
September 2019	W	W	-	-	W	-
August 2019	W	W	-	-	W	-
September 2018	-	-	-	-	W	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	Sales for resale	
	Through retail outlets	Total		DTW	Rack
PAD District 2 (cont.)					
Nebraska					
September 2019	W	W	-	1,726.9	-
August 2019	W	W	-	1,795.2	-
September 2018	W	W	-	1,661.1	-
North Dakota					
September 2019	W	W	-	963.0	-
August 2019	W	W	-	1,080.7	-
September 2018	W	W	-	933.7	-
Ohio					
September 2019	W	W	-	W	W
August 2019	W	W	-	W	W
September 2018	W	W	-	W	W
Oklahoma					
September 2019	W	W	-	4,413.8	415.8
August 2019	W	W	-	4,548.3	375.3
September 2018	W	W	-	4,159.7	763.0
South Dakota					
September 2019	W	W	-	1,164.4	-
August 2019	W	W	-	1,299.8	-
September 2018	W	W	-	1,063.0	-
Tennessee					
September 2019	W	W	-	10,196.0	-
August 2019	W	W	-	10,908.9	-
September 2018	W	W	-	10,029.3	-
Wisconsin					
September 2019	W	W	-	5,486.2	-
August 2019	W	W	-	5,917.5	-
September 2018	W	W	-	5,363.7	-
PAD District 3					
September 2019	1,090.5	1,153.8	237.7	55,984.4	6,438.1
August 2019	1,226.0	1,292.4	W	57,494.6	W
September 2018	1,093.0	1,132.6	W	53,759.8	W
Alabama					
September 2019	W	W	-	5,640.2	-
August 2019	W	W	-	5,924.5	-
September 2018	-	W	-	5,185.1	-
Arkansas					
September 2019	-	-	-	3,258.5	-
August 2019	-	-	-	3,236.5	-
September 2018	-	-	-	3,046.9	-
Louisiana					
September 2019	-	W	-	6,351.8	2,948.0
August 2019	-	W	-	6,645.5	2,583.4
September 2018	-	W	-	6,215.4	3,431.6
Mississippi					
September 2019	-	-	-	2,993.5	549.5
August 2019	-	-	-	W	W
September 2018	-	-	-	W	W
New Mexico					
September 2019	W	508.6	W	W	-
August 2019	W	549.0	W	W	-
September 2018	W	491.7	W	W	-
Texas					
September 2019	580.1	581.3	W	W	2,940.5
August 2019	680.1	681.1	W	36,867.3	W
September 2018	W	617.2	W	34,518.7	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Conventional				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets			Rack	Bulk
PAD District 4					
September 2019	W	W	W	-	-
August 2019	W	W	W	14,428.7	W
September 2018	W	W	W	13,391.1	W
Colorado					
September 2019	220.9	225.3	W	W	-
August 2019	251.4	256.5	W	W	W
September 2018	218.9	224.3	W	5,599.0	W
Idaho					
September 2019	W	W	-	1,767.5	-
August 2019	W	W	-	1,776.8	-
September 2018	W	W	-	1,696.8	-
Montana					
September 2019	W	W	-	1,612.0	-
August 2019	W	W	-	1,820.6	-
September 2018	W	W	-	1,572.9	-
Utah					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	3,457.9	W
Wyoming					
September 2019	W	14.0	-	1,121.2	-
August 2019	W	16.6	-	1,185.4	-
September 2018	W	14.2	-	1,064.4	-
PAD District 5					
September 2019	1,436.0	1,498.3	W	W	544.7
August 2019	1,476.0	1,543.6	W	W	W
September 2018	1,463.9	W	W	13,872.6	W
Alaska					
September 2019	W	W	78.6	W	W
August 2019	W	W	125.3	W	W
September 2018	W	W	W	W	NA
Arizona					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	W	-
California					
September 2019	-	-	-	-	W
August 2019	-	-	-	-	W
September 2018	-	-	-	-	W
Hawaii					
September 2019	W	W	W	W	W
August 2019	W	W	W	W	W
September 2018	W	W	W	W	W
Nevada					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	1,840.1	W
Oregon					
September 2019	106.1	106.1	810.1	3,397.3	-
August 2019	112.2	112.2	W	3,773.4	W
September 2018	115.9	115.9	906.8	3,445.7	-
Washington					
September 2019	440.0	446.4	W	5,943.6	W
August 2019	453.8	460.7	W	6,434.0	W
September 2018	422.5	429.4	W	5,929.1	W

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Reformulated			Sales for resale		
	Sales to end users		Total[a]	DTW	Rack	Bulk
	Through retail outlets	Total				
PAD District 4						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Colorado						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Idaho						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Montana						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Utah						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Wyoming						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
PAD District 5						
September 2019	4,239.7	4,242.5	W	W	W	1,429.0
August 2019	4,899.0	4,902.4	W	W	W	W
September 2018	4,635.5	W	W	W	20,682.9	W
Alaska						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Arizona						
September 2019	-	W	W	W	W	W
August 2019	-	W	W	W	W	W
September 2018	-	W	W	W	W	W
California						
September 2019	4,239.7	W	15,184.7	18,140.3	W	W
August 2019	4,899.0	W	15,445.2	18,609.4	W	W
September 2018	4,635.5	4,636.5	15,620.2	W	W	W
Hawaii						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Nevada						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Oregon						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-
Washington						
September 2019	-	-	-	-	-	-
August 2019	-	-	-	-	-	-
September 2018	-	-	-	-	-	-

See footnotes at end of table.

Table 40. Refiner motor gasoline volumes by formulation, sales type, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	All formulations				
	Sales to end users		Total[a]	DTW	Sales for resale
	Through retail outlets				Rack
PAD District 4					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	W
September 2018	W	W	W	W	W
Colorado					
September 2019	220.9	225.3	W	W	-
August 2019	251.4	256.5	W	W	W
September 2018	218.9	224.3	W	W	W
Idaho					
September 2019	W	W	-	1,767.5	-
August 2019	W	W	-	1,776.8	-
September 2018	W	W	-	1,696.8	-
Montana					
September 2019	W	W	-	1,612.0	-
August 2019	W	W	-	1,820.6	-
September 2018	W	W	-	1,572.9	-
Utah					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	3,457.9	W
Wyoming					
September 2019	W	14.0	-	1,121.2	-
August 2019	W	16.6	-	1,185.4	-
September 2018	W	14.2	-	1,064.4	-
PAD District 5					
September 2019	5,675.7	5,740.7	19,713.1	34,707.2	1,973.7
August 2019	6,375.0	6,446.1	W	36,337.9	W
September 2018	6,099.4	6,169.6	W	34,555.6	W
Alaska					
September 2019	W	W	78.6	W	W
August 2019	W	W	125.3	W	W
September 2018	W	W	W	W	NA
Arizona					
September 2019	W	W	W	4,793.6	W
August 2019	W	364.8	W	4,764.7	W
September 2018	W	W	W	4,867.5	W
California					
September 2019	4,239.7	4,241.4	15,184.7	18,140.3	1,483.4
August 2019	4,899.0	4,900.8	15,445.2	18,609.4	1,224.8
September 2018	4,635.5	4,636.5	15,620.2	17,670.4	2,288.1
Hawaii					
September 2019	W	W	W	W	W
August 2019	W	W	W	W	W
September 2018	W	W	W	W	W
Nevada					
September 2019	W	W	W	W	-
August 2019	W	W	W	W	-
September 2018	W	W	W	1,840.1	W
Oregon					
September 2019	106.1	106.1	810.1	3,397.3	-
August 2019	112.2	112.2	W	3,773.4	W
September 2018	115.9	115.9	906.8	3,445.7	-
Washington					
September 2019	440.0	446.4	W	5,943.6	W
August 2019	453.8	460.7	W	6,434.0	W
September 2018	422.5	429.4	W	5,929.1	W

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes sales through retail outlets as well as all direct sales to end users that were not made through company-operated retail outlets, e.g., sales to agricultural customers, commercial sales, and industrial sales.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD**District and state**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States										
September 2019	W	461.9	32,130.6	44,314.1	2.0	1,198.3	63.3	405.4	3,431.0	27,721.4
August 2019	W	513.1	31,926.4	44,806.6	W	843.5	41.9	190.2	2,525.6	27,039.3
September 2018	W	383.5	32,168.4	40,214.0	2.2	1,800.9	W	384.7	3,744.9	20,790.7
PAD District 1										
September 2019	W	135.1	5,614.4	8,541.4	1.3	435.8	-	W	-	3,554.8
August 2019	W	161.0	5,773.6	9,126.2	W	18.8	-	W	-	3,095.5
September 2018	W	117.7	5,681.1	7,776.1	W	410.1	-	1.2	W	4,529.8
Subdistrict 1A										
September 2019	W	W	151.6	1,038.9	W	-	-	-	-	330.2
August 2019	W	W	182.3	1,149.8	W	-	-	-	-	220.8
September 2018	-	W	154.2	595.8	W	-	-	-	W	627.4
Connecticut										
September 2019	-	-	W	W	-	-	-	-	-	28.3
August 2019	-	-	W	W	-	-	-	-	-	17.6
September 2018	-	-	W	W	-	-	-	-	-	91.0
Maine										
September 2019	W	W	W	W	-	-	-	-	-	123.1
August 2019	W	W	W	W	-	-	-	-	-	80.5
September 2018	-	W	W	W	-	-	-	-	W	191.3
Massachusetts										
September 2019	-	-	W	987.6	W	-	-	-	-	W
August 2019	-	-	W	1,087.8	W	-	-	-	-	W
September 2018	-	-	79.7	549.3	W	-	-	-	-	85.2
New Hampshire										
September 2019	-	-	W	-	W	-	-	-	-	47.1
August 2019	-	-	W	-	W	-	-	-	-	W
September 2018	-	-	W	W	W	-	-	-	-	W
Rhode Island										
September 2019	-	-	W	W	W	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
September 2018	-	-	W	W	W	-	-	-	-	W
Vermont										
September 2019	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
September 2018	-	-	W	W	-	-	-	-	-	W
Subdistrict 1B										
September 2019	-	W	2,570.7	5,974.0	1.0	W	-	W	-	1,408.2
August 2019	W	W	2,635.1	6,247.8	W	W	-	W	-	1,190.0
September 2018	W	W	2,603.0	5,489.4	1.1	393.6	-	W	-	1,876.9
Delaware										
September 2019	-	-	-	-	W	W	-	-	-	W
August 2019	-	-	-	W	W	-	-	-	-	W
September 2018	-	-	-	-	W	W	-	-	-	W
District of Columbia										
September 2019	-	-	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-	-	-
Maryland										
September 2019	-	-	W	61.9	-	W	-	-	-	W
August 2019	-	-	W	W	-	W	-	-	-	W
September 2018	-	-	W	53.5	-	W	-	-	-	W
New Jersey										
September 2019	-	-	1,053.1	3,873.8	W	211.4	-	-	-	243.3
August 2019	-	-	1,110.8	3,937.3	W	-	-	-	-	206.3
September 2018	-	-	976.5	3,380.6	W	W	-	-	-	147.4
New York										
September 2019	-	W	1,225.5	71.8	W	9.8	-	W	-	253.7
August 2019	W	W	1,289.6	67.5	W	5.2	-	-	-	250.4
September 2018	W	W	1,311.2	108.7	W	9.4	-	W	-	335.1
Pennsylvania										
September 2019	-	W	W	1,966.5	0.5	W	-	W	-	749.5
August 2019	W	W	W	2,155.1	W	W	-	W	-	599.0
September 2018	-	W	W	1,946.6	0.6	W	-	W	-	1,189.8

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD**District and state (cont.)**

thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)			
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
Subdistrict 1C												
September 2019	-	W	90.2	2,892.2	1,528.6	-	W	-	W	-	1,816.3	
August 2019	-	W	110.0	2,956.1	1,728.6	-	W	-	W	-	1,684.7	
September 2018	-	W	87.5	2,923.9	1,690.8	-	W	16.5	-	W	-	2,025.5
Florida												
September 2019	-	-	62.4	1,817.4	1,075.6	-	W	-	-	-	299.9	
August 2019	-	-	73.6	1,927.9	1,308.7	-	-	-	-	-	284.2	
September 2018	-	-	67.3	1,981.0	1,092.1	-	W	-	-	-	264.9	
Georgia												
September 2019	-	W	W	W	73.3	-	W	-	W	-	331.1	
August 2019	-	W	W	W	W	-	W	-	W	-	300.8	
September 2018	-	W	W	W	184.8	-	W	-	W	-	398.0	
North Carolina												
September 2019	-	-	W	W	153.5	-	W	-	-	-	630.2	
August 2019	-	-	W	W	173.5	-	W	-	-	-	487.6	
September 2018	-	-	W	W	258.8	-	W	-	-	-	687.1	
South Carolina												
September 2019	-	-	W	W	77.1	-	W	-	-	-	296.5	
August 2019	-	-	W	W	71.6	-	W	-	-	-	328.2	
September 2018	-	-	W	W	71.6	-	W	-	-	-	401.5	
Virginia												
September 2019	-	-	W	555.2	158.2	-	W	-	-	-	W	
August 2019	-	-	W	540.8	93.5	-	-	-	-	-	W	
September 2018	-	-	W	447.7	W	-	W	-	-	-	99.8	
West Virginia												
September 2019	-	-	-	-	W	-	W	-	-	-	W	
August 2019	-	-	-	-	W	-	W	-	-	-	W	
September 2018	-	-	W	W	W	-	W	-	-	-	174.1	
PAD District 2												
September 2019	W	94.7	6,437.3	4,867.2	-	W	W	8.1	181.4	W	8,627.3	
August 2019	W	135.9	6,115.3	5,617.6	-	W	W	4.5	87.0	W	7,442.7	
September 2018	W	88.9	6,071.0	4,842.1	-	W	W	W	184.4	W	7,957.6	
Illinois												
September 2019	W	W	1,588.5	W	W	W	W	W	W	-	1,469.2	
August 2019	W	W	1,677.8	W	W	W	W	W	W	-	1,316.0	
September 2018	W	W	1,495.4	W	W	W	NA	W	W	W	1,097.5	
Indiana												
September 2019	-	-	935.8	281.4	-	W	W	-	W	-	249.9	
August 2019	-	-	868.3	453.7	-	W	W	-	W	-	342.2	
September 2018	-	-	1,023.7	252.3	-	W	W	-	W	-	310.5	
Iowa												
September 2019	-	-	W	84.3	-	W	-	15.8	W	267.6		
August 2019	-	-	W	111.8	-	-	-	15.5	W	289.1		
September 2018	-	-	W	65.0	-	-	-	W	W	414.5		
Kansas												
September 2019	W	W	W	W	-	W	W	14.4	-	2,602.0		
August 2019	W	W	W	W	-	W	W	14.7	-	1,711.3		
September 2018	W	W	W	W	-	W	-	14.5	-	2,288.6		
Kentucky												
September 2019	W	W	1,194.7	349.0	W	W	W	W	W	464.6		
August 2019	W	W	1,237.3	382.4	W	W	-	W	W	482.5		
September 2018	W	W	941.8	555.7	W	W	-	W	-	516.4		
Michigan												
September 2019	-	-	W	477.2	W	W	W	7.5	W	664.9		
August 2019	-	-	W	647.6	W	W	W	6.4	W	547.7		
September 2018	-	-	W	444.7	W	W	W	W	W	379.9		
Minnesota												
September 2019	W	W	75.0	1,085.7	W	W	W	29.5	W	330.2		
August 2019	W	W	102.0	1,192.9	W	W	W	18.2	W	381.7		
September 2018	W	W	173.2	W	W	W	W	30.0	W	427.2		
Missouri												
September 2019	W	W	W	W	-	-	W	W	-	270.7		
August 2019	W	-	W	W	-	-	W	0.6	W	242.7		
September 2018	W	-	W	W	-	-	W	1.3	-	321.1		

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)										
Nebraska										
September 2019	W	-	W	W	-	-	W	W	W	159.5
August 2019	W	-	W	W	-	-	W	W	-	110.3
September 2018	W	-	W	W	-	-	16.5	-	-	206.7
North Dakota										
September 2019	-	-	W	W	W	-	W	W	W	545.5
August 2019	-	-	W	W	NA	W	W	W	W	526.0
September 2018	-	-	W	W	-	-	W	50.4	W	475.6
Ohio										
September 2019	W	W	448.3	570.5	W	W	-	W	-	667.3
August 2019	W	-	425.8	603.8	W	W	-	W	-	563.8
September 2018	W	W	419.6	432.3	W	W	-	W	-	590.6
Oklahoma										
September 2019	W	-	W	454.5	-	W	-	W	W	259.9
August 2019	W	W	419.6	419.6	-	W	-	W	-	256.1
September 2018	W	-	W	514.1	-	W	-	W	-	226.1
South Dakota										
September 2019	-	-	W	-	-	-	W	W	W	102.6
August 2019	-	-	W	-	-	-	W	W	W	72.9
September 2018	-	-	W	-	-	-	W	11.9	W	141.3
Tennessee										
September 2019	W	W	W	147.9	W	W	-	W	-	152.3
August 2019	-	W	W	204.0	W	W	-	-	-	137.1
September 2018	W	W	1,107.4	176.3	W	W	-	W	-	150.2
Wisconsin										
September 2019	-	-	W	15.7	W	W	W	W	W	421.2
August 2019	-	-	W	13.2	W	W	W	W	W	463.3
September 2018	-	-	62.5	W	W	W	W	W	W	411.6
PAD District 3										
September 2019	W	136.4	5,539.7	20,088.0	-	735.4	-	-	3,312.0	12,901.9
August 2019	W	W	5,478.7	19,804.5	-	803.0	-	-	2,353.5	14,115.6
September 2018	W	85.5	6,109.2	18,693.4	-	1,355.7	-	-	3,563.6	5,795.3
Alabama										
September 2019	-	W	153.4	67.7	-	W	-	-	-	159.8
August 2019	W	W	80.2	64.8	-	W	-	-	-	152.0
September 2018	-	W	58.5	63.0	-	W	-	-	-	196.1
Arkansas										
September 2019	-	-	W	W	-	-	-	-	-	W
August 2019	W	W	W	W	-	-	-	-	-	W
September 2018	W	W	W	W	-	-	-	-	-	W
Louisiana										
September 2019	-	7.2	1,046.1	4,845.3	-	W	-	-	776.9	451.4
August 2019	-	7.7	785.2	5,300.2	-	W	-	-	W	361.1
September 2018	-	6.1	664.0	5,608.6	-	W	-	-	783.6	247.3
Mississippi										
September 2019	-	W	1,070.4	2,996.3	-	-	-	-	-	358.1
August 2019	-	W	1,086.2	1,502.0	-	-	-	-	-	349.7
September 2018	-	W	1,090.3	1,569.6	-	-	-	-	-	369.8
New Mexico										
September 2019	W	-	W	W	-	-	-	-	-	W
August 2019	W	-	W	W	-	-	-	-	-	W
September 2018	W	-	W	W	-	-	-	-	-	W
Texas										
September 2019	W	W	3,196.4	12,076.4	-	W	-	-	2,535.2	11,798.8
August 2019	W	W	3,443.5	12,826.5	-	W	-	-	W	13,117.8
September 2018	W	W	4,212.2	11,305.3	-	W	-	-	2,780.0	4,863.4

See footnotes at end of table.

Table 41. Refiner volumes of aviation fuels, kerosene, No. 1 distillate, and propane (consumer grade) by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline		Kerosene-type jet fuel		Kerosene		No. 1 distillate		Propane (consumer grade)	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4										
September 2019	W	W	1,053.0	1,227.7	-	-	W	W	W	976.2
August 2019	W	W	1,045.3	1,230.8	-	-	W	W	W	836.5
September 2018	W	W	929.6	1,183.0	-	-	W	37.0	W	799.0
Colorado										
September 2019	W	-	371.1	821.4	-	-	-	10.3	W	372.8
August 2019	W	-	378.7	748.6	-	-	-	8.6	-	298.1
September 2018	W	-	322.0	756.6	-	-	-	7.5	W	313.0
Idaho										
September 2019	-	-	W	23.1	-	-	W	2.6	W	52.8
August 2019	-	-	W	35.7	-	-	W	W	W	39.1
September 2018	-	-	W	25.9	-	-	-	W	W	W
Montana										
September 2019	W	W	W	W	-	-	W	18.6	W	134.6
August 2019	W	W	W	W	-	-	W	7.3	W	138.9
September 2018	W	W	W	W	-	-	W	16.6	W	138.6
Utah										
September 2019	W	W	483.9	285.8	-	-	W	W	-	84.3
August 2019	-	W	438.4	299.5	-	-	-	W	-	73.4
September 2018	W	W	418.9	302.3	-	-	-	W	-	W
Wyoming										
September 2019	-	-	W	W	-	-	-	5.7	-	331.6
August 2019	-	-	W	W	-	-	-	2.7	-	287.0
September 2018	-	-	W	W	-	-	W	6.5	-	221.8
PAD District 5										
September 2019	W	W	13,486.2	9,589.8	W	W	W	180.4	W	1,661.3
August 2019	W	101.5	13,513.5	9,027.4	-	W	W	83.8	W	1,549.0
September 2018	W	W	13,377.5	7,719.5	-	W	W	162.0	W	1,709.0
Alaska										
September 2019	W	W	W	W	-	-	W	W	W	W
August 2019	W	W	W	W	-	-	W	W	W	W
September 2018	W	W	W	W	-	-	W	W	W	W
Arizona										
September 2019	W	W	W	158.1	-	-	-	-	-	122.5
August 2019	W	W	W	166.7	-	-	-	-	-	112.2
September 2018	W	W	65.3	325.9	-	-	-	-	-	168.8
California										
September 2019	-	38.6	7,585.3	7,489.7	W	W	-	-	-	971.7
August 2019	W	49.6	7,839.8	7,008.9	-	W	-	-	-	935.4
September 2018	W	37.6	8,372.6	5,679.1	-	W	-	-	-	923.8
Hawaii										
September 2019	-	-	W	W	-	-	-	-	-	W
August 2019	-	-	W	W	-	-	-	-	-	W
September 2018	-	W	W	W	-	-	-	-	-	W
Nevada										
September 2019	-	-	W	W	-	-	-	-	-	54.2
August 2019	-	-	W	W	-	-	-	-	-	W
September 2018	-	-	W	W	-	-	-	-	-	76.6
Oregon										
September 2019	-	17.2	473.2	W	-	-	-	W	W	W
August 2019	-	16.5	549.1	W	-	-	-	-	W	W
September 2018	-	18.6	520.0	69.9	-	-	-	W	W	W
Washington										
September 2019	-	W	2,149.5	535.6	-	-	W	W	W	417.5
August 2019	-	W	2,230.3	555.6	-	-	W	W	W	402.0
September 2018	-	W	1,814.2	390.9	-	-	-	W	W	434.7

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report*.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States						
September 2019	11,910.6	158,182.4	W	-	W	1,542.0
August 2019	12,323.4	164,117.4	W	W	W	W
September 2018	12,691.3	152,985.3	W	W	W	W
PAD District 1						
September 2019	W	29,576.9	-	-	-	W
August 2019	W	31,008.5	-	-	-	W
September 2018	W	30,248.8	-	W	-	W
Subdistrict 1A						
September 2019	W	1,281.3	-	-	-	-
August 2019	W	1,314.4	-	-	-	-
September 2018	W	1,333.8	-	-	-	-
Connecticut						
September 2019	W	573.0	-	-	-	-
August 2019	W	609.5	-	-	-	-
September 2018	W	W	-	-	-	-
Maine						
September 2019	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
September 2018	-	W	-	-	-	-
Massachusetts						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
New Hampshire						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
Rhode Island						
September 2019	W	289.9	-	-	-	-
August 2019	W	270.3	-	-	-	-
September 2018	W	W	-	-	-	-
Vermont						
September 2019	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
September 2018	W	W	-	-	-	-
Subdistrict 1B						
September 2019	W	W	-	-	-	W
August 2019	W	W	-	-	-	W
September 2018	W	W	-	-	-	W
Delaware						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
District of Columbia						
September 2019	-	W	-	-	-	-
August 2019	-	W	-	-	-	-
September 2018	-	W	-	-	-	-
Maryland						
September 2019	W	985.4	-	-	-	W
August 2019	W	1,068.1	-	-	-	W
September 2018	-	W	-	-	-	W
New Jersey						
September 2019	148.9	W	-	-	-	W
August 2019	158.0	W	-	-	-	W
September 2018	170.3	5,542.6	-	-	-	-
New York						
September 2019	207.3	W	-	-	-	W
August 2019	223.1	W	-	-	-	W
September 2018	180.1	W	-	-	-	W
Pennsylvania						
September 2019	W	W	-	-	-	-
August 2019	W	5,124.6	-	-	-	-
September 2018	W	6,400.9	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C						
September 2019	831.0	W	-	-	-	-
August 2019	858.2	W	-	-	-	-
September 2018	812.3	W	-	W	-	-
Florida						
September 2019	202.0	4,288.5	-	-	-	-
August 2019	224.1	4,812.6	-	-	-	-
September 2018	247.2	W	-	W	-	-
Georgia						
September 2019	54.5	2,943.6	-	-	-	-
August 2019	56.3	2,951.0	-	-	-	-
September 2018	90.1	2,457.2	-	-	-	-
North Carolina						
September 2019	370.3	W	-	-	-	-
August 2019	366.9	W	-	-	-	-
September 2018	359.7	W	-	-	-	-
South Carolina						
September 2019	W	1,591.4	-	-	-	-
August 2019	W	1,622.1	-	-	-	-
September 2018	38.8	1,493.5	-	-	-	-
Virginia						
September 2019	6.0	2,323.4	-	-	-	-
August 2019	6.9	2,333.5	-	-	-	-
September 2018	W	W	-	-	-	-
West Virginia						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
PAD District 2						
September 2019	W	48,688.5	-	-	-	-
August 2019	W	47,917.8	-	-	-	-
September 2018	W	W	-	-	-	-
Illinois						
September 2019	334.7	7,548.3	-	-	-	-
August 2019	336.5	6,787.2	-	-	-	-
September 2018	327.3	6,865.4	-	-	-	-
Indiana						
September 2019	W	4,240.7	-	-	-	-
August 2019	W	3,923.0	-	-	-	-
September 2018	W	3,830.5	-	-	-	-
Iowa						
September 2019	24.2	1,904.7	-	-	-	-
August 2019	25.9	1,914.8	-	-	-	-
September 2018	W	1,949.9	-	-	-	-
Kansas						
September 2019	W	3,929.0	-	-	-	-
August 2019	734.3	3,699.9	-	-	-	-
September 2018	539.0	3,657.9	-	-	-	-
Kentucky						
September 2019	376.8	1,876.8	-	-	-	-
August 2019	415.6	1,844.9	-	-	-	-
September 2018	431.0	W	-	-	-	-
Michigan						
September 2019	230.8	W	-	-	-	-
August 2019	264.9	W	-	-	-	-
September 2018	227.3	W	-	-	-	-
Minnesota						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
Missouri						
September 2019	1.5	1,617.2	-	-	-	-
August 2019	1.0	1,612.8	-	-	-	-
September 2018	W	1,696.2	-	-	-	-

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)						
Nebraska						
September 2019	W	1,423.1	-	-	-	-
August 2019	W	1,357.9	-	-	-	-
September 2018	W	1,454.1	-	-	-	-
North Dakota						
September 2019	W	1,572.5	-	-	-	-
August 2019	W	1,711.3	-	-	-	-
September 2018	W	1,677.3	-	-	-	-
Ohio						
September 2019	597.5	5,643.3	-	-	-	-
August 2019	603.2	5,564.2	-	-	-	-
September 2018	698.3	5,110.3	-	-	-	-
Oklahoma						
September 2019	210.3	7,217.6	-	-	-	-
August 2019	231.6	7,411.8	-	-	-	-
September 2018	W	5,876.9	-	-	-	-
South Dakota						
September 2019	W	653.8	-	-	-	-
August 2019	W	754.0	-	-	-	-
September 2018	W	648.7	-	-	-	-
Tennessee						
September 2019	318.7	3,607.4	-	-	-	-
August 2019	341.2	3,752.8	-	-	-	-
September 2018	344.4	3,685.1	-	-	-	-
Wisconsin						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
PAD District 3						
September 2019	2,634.9	50,728.5	-	-	-	535.1
August 2019	2,773.2	56,517.3	-	W	-	W
September 2018	W	49,023.1	-	W	W	W
Alabama						
September 2019	169.9	1,964.7	-	-	-	-
August 2019	159.2	W	-	-	-	-
September 2018	137.8	1,832.7	-	-	-	-
Arkansas						
September 2019	W	1,519.5	-	-	-	-
August 2019	W	1,732.9	-	-	-	-
September 2018	W	1,391.5	-	-	-	-
Louisiana						
September 2019	155.7	W	-	-	-	W
August 2019	163.4	W	-	-	-	W
September 2018	277.6	W	-	W	-	W
Mississippi						
September 2019	35.0	2,460.5	-	-	-	-
August 2019	44.5	2,203.9	-	-	-	-
September 2018	45.8	W	-	-	-	-
New Mexico						
September 2019	254.4	1,035.3	-	-	-	-
August 2019	264.9	1,038.2	-	-	-	-
September 2018	425.8	1,226.9	-	-	-	-
Texas						
September 2019	W	W	-	-	-	W
August 2019	W	37,578.0	-	W	-	W
September 2018	1,787.5	W	-	-	W	W

See footnotes at end of table.

Table 42. Refiner No. 2 diesel fuel volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 diesel fuel					
	Ultra-low sulfur		Low-sulfur		High-sulfur	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4						
September 2019	W	7,408.7	-	-	-	-
August 2019	W	7,984.6	-	-	-	-
September 2018	W	6,936.4	-	-	-	-
Colorado						
September 2019	201.9	2,173.3	-	-	-	-
August 2019	202.2	2,299.3	-	-	-	-
September 2018	241.6	2,051.7	-	-	-	-
Idaho						
September 2019	W	875.6	-	-	-	-
August 2019	W	991.0	-	-	-	-
September 2018	W	718.5	-	-	-	-
Montana						
September 2019	W	1,180.9	-	-	-	-
August 2019	W	1,318.4	-	-	-	-
September 2018	W	1,184.1	-	-	-	-
Utah						
September 2019	W	1,838.9	-	-	-	-
August 2019	W	1,771.4	-	-	-	-
September 2018	W	1,778.1	-	-	-	-
Wyoming						
September 2019	290.3	1,340.0	-	-	-	-
August 2019	371.2	1,604.5	-	-	-	-
September 2018	370.7	1,204.0	-	-	-	-
PAD District 5						
September 2019	W	21,779.8	W	-	W	W
August 2019	W	20,689.1	W	-	W	W
September 2018	W	W	W	-	W	W
Alaska						
September 2019	W	W	-	-	-	-
August 2019	W	W	-	-	-	-
September 2018	W	W	-	-	-	-
Arizona						
September 2019	463.6	884.5	-	-	-	-
August 2019	489.6	770.7	-	-	-	-
September 2018	441.5	1,069.8	-	-	-	-
California						
September 2019	1,076.7	W	-	-	-	W
August 2019	1,252.8	12,435.2	-	-	-	284.6
September 2018	1,335.1	W	-	-	-	W
Hawaii						
September 2019	W	W	W	-	W	W
August 2019	W	W	W	-	W	W
September 2018	W	W	W	-	W	W
Nevada						
September 2019	W	488.3	-	-	-	-
August 2019	W	458.7	-	-	-	-
September 2018	W	452.3	-	-	-	-
Oregon						
September 2019	28.0	2,086.8	-	-	-	-
August 2019	20.0	2,223.2	-	-	-	-
September 2018	4.1	2,128.0	-	-	-	-
Washington						
September 2019	W	W	-	-	W	W
August 2019	245.3	W	-	-	-	-
September 2018	W	3,870.5	-	-	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: U.S. Energy Information Administration Form EIA-782A, Refiners'/Gas Plant Operators, Monthly Petroleum Product Sales Report.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
United States				
September 2019	80.7	4,136.4	12,316.8	163,860.8
August 2019	59.6	7,232.1	12,849.1	173,014.3
September 2018	43.3	4,676.6	13,302.3	160,959.0
PAD District 1				
September 2019	W	W	1,502.5	32,534.1
August 2019	W	W	1,547.3	34,162.8
September 2018	W	3,948.5	1,480.0	34,344.7
Subdistrict 1A				
September 2019	-	480.6	W	1,761.9
August 2019	-	851.7	W	2,166.1
September 2018	-	818.1	W	2,151.9
Connecticut				
September 2019	-	233.2	W	806.2
August 2019	-	665.7	W	1,275.2
September 2018	-	W	W	1,001.7
Maine				
September 2019	-	W	-	179.1
August 2019	-	W	-	133.8
September 2018	-	W	-	W
Massachusetts				
September 2019	-	W	W	297.6
August 2019	-	W	W	289.2
September 2018	-	W	W	400.6
New Hampshire				
September 2019	-	W	W	W
August 2019	-	W	W	W
September 2018	-	W	W	W
Rhode Island				
September 2019	-	58.0	W	347.8
August 2019	-	80.3	W	350.5
September 2018	-	W	W	NA
Vermont				
September 2019	-	W	-	W
August 2019	-	W	-	W
September 2018	-	W	W	W
Subdistrict 1B				
September 2019	W	2,214.9	W	15,821.5
August 2019	W	2,022.8	W	16,311.0
September 2018	W	2,665.0	W	17,093.8
Delaware				
September 2019	-	W	W	W
August 2019	-	W	W	W
September 2018	-	W	W	W
District of Columbia				
September 2019	-	-	-	W
August 2019	-	-	-	W
September 2018	-	-	-	W
Maryland				
September 2019	W	W	W	1,039.9
August 2019	W	W	W	1,118.0
September 2018	-	106.1	-	1,261.7
New Jersey				
September 2019	-	1,556.2	148.9	7,584.7
August 2019	-	1,430.9	158.0	8,081.1
September 2018	-	1,541.3	170.3	7,083.9
New York				
September 2019	-	332.3	207.3	1,377.6
August 2019	-	215.1	223.1	1,227.7
September 2018	-	W	180.1	1,219.2
Pennsylvania				
September 2019	W	W	194.3	5,374.1
August 2019	W	253.7	203.7	5,378.4
September 2018	W	669.1	286.6	7,070.0

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
Subdistrict 1C				
September 2019	-	W	831.0	14,950.7
August 2019	-	W	858.2	15,685.7
September 2018	-	465.4	812.3	15,099.0
Florida				
September 2019	-	-	202.0	4,288.5
August 2019	-	-	224.1	4,812.6
September 2018	-	W	247.2	4,729.3
Georgia				
September 2019	-	-	54.5	2,943.6
August 2019	-	-	56.3	2,951.0
September 2018	-	-	90.1	2,457.2
North Carolina				
September 2019	-	W	370.3	3,013.1
August 2019	-	W	366.9	3,050.7
September 2018	-	W	359.7	2,713.0
South Carolina				
September 2019	-	-	W	1,591.4
August 2019	-	-	W	1,622.1
September 2018	-	-	38.8	1,493.5
Virginia				
September 2019	-	-	6.0	2,323.4
August 2019	-	-	6.9	2,333.5
September 2018	-	W	W	3,005.5
West Virginia				
September 2019	-	W	W	790.7
August 2019	-	W	W	915.8
September 2018	-	W	W	700.5
PAD District 2				
September 2019	W	75.7	4,572.3	48,764.2
August 2019	W	138.0	4,442.3	48,055.7
September 2018	W	W	4,519.0	45,323.1
Illinois				
September 2019	-	-	334.7	7,548.3
August 2019	-	-	336.5	6,787.2
September 2018	-	-	327.3	6,865.4
Indiana				
September 2019	-	-	W	4,240.7
August 2019	-	-	W	3,923.0
September 2018	-	-	W	3,830.5
Iowa				
September 2019	-	-	24.2	1,904.7
August 2019	-	-	25.9	1,914.8
September 2018	-	-	W	1,949.9
Kansas				
September 2019	-	-	W	3,929.0
August 2019	-	-	734.3	3,699.9
September 2018	-	-	539.0	3,657.9
Kentucky				
September 2019	-	-	376.8	1,876.8
August 2019	-	-	415.6	1,844.9
September 2018	-	W	431.0	1,814.1
Michigan				
September 2019	-	72.3	230.8	2,720.9
August 2019	-	134.7	264.9	2,783.8
September 2018	-	W	227.3	2,479.2
Minnesota				
September 2019	W	W	316.4	2,593.4
August 2019	W	W	300.8	2,619.8
September 2018	W	W	308.3	2,519.6
Missouri				
September 2019	-	-	1.5	1,617.2
August 2019	-	-	1.0	1,612.8
September 2018	-	-	W	1,696.2

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 2 (cont.)				
Nebraska				
September 2019	-	-	W	1,423.1
August 2019	-	-	W	1,357.9
September 2018	-	-	W	1,454.1
North Dakota				
September 2019	W	-	W	1,572.5
August 2019	W	-	379.2	1,711.3
September 2018	W	-	W	1,677.3
Ohio				
September 2019	-	-	597.5	5,643.3
August 2019	-	-	603.2	5,564.2
September 2018	-	-	698.3	5,110.3
Oklahoma				
September 2019	-	-	210.3	7,217.6
August 2019	-	-	231.6	7,411.8
September 2018	-	-	W	5,876.9
South Dakota				
September 2019	W	-	W	653.8
August 2019	W	-	W	754.0
September 2018	W	-	W	648.7
Tennessee				
September 2019	-	-	318.7	3,607.4
August 2019	-	-	341.2	3,752.8
September 2018	-	-	344.4	3,685.1
Wisconsin				
September 2019	W	W	65.3	2,215.5
August 2019	W	W	65.1	2,317.5
September 2018	W	W	46.4	2,057.9
PAD District 3				
Alabama				
September 2019	-	1,332.4	2,634.9	52,596.0
August 2019	-	4,172.5	2,773.2	61,331.4
September 2018	-	651.3	3,035.5	52,519.4
Arkansas				
September 2019	-	-	W	1,519.5
August 2019	-	-	W	1,732.9
September 2018	-	-	W	1,391.5
Louisiana				
September 2019	-	693.1	155.7	12,911.5
August 2019	-	W	163.4	13,399.8
September 2018	-	W	277.6	13,338.8
Mississippi				
September 2019	-	-	W	2,460.5
August 2019	-	-	W	2,203.9
September 2018	-	W	W	2,479.8
New Mexico				
September 2019	-	-	254.4	1,035.3
August 2019	-	-	264.9	1,038.2
September 2018	-	-	425.8	1,226.9
Texas				
September 2019	-	639.3	1,922.5	32,704.6
August 2019	-	3,114.6	2,010.9	41,030.1
September 2018	-	371.2	1,997.5	32,249.7

See footnotes at end of table.

Table 43. Refiner No. 2 distillate and fuel oil volumes by PAD District and state (cont.)
thousand gallons per day

Geographic area month	No. 2 fuel oil		No. 2 distillate	
	Sales to end users	Sales for resale	Sales to end users	Sales for resale
PAD District 4				
September 2019	W	-	1,087.1	7,408.7
August 2019	W	-	1,160.5	7,984.6
September 2018	W	-	1,308.0	6,936.4
Colorado				
September 2019	-	-	201.9	2,173.3
August 2019	-	-	202.2	2,299.3
September 2018	-	-	241.6	2,051.7
Idaho				
September 2019	W	-	W	875.6
August 2019	W	-	W	991.0
September 2018	W	-	W	718.5
Montana				
September 2019	-	-	W	1,180.9
August 2019	-	-	W	1,318.4
September 2018	-	-	W	1,184.1
Utah				
September 2019	W	-	251.1	1,838.9
August 2019	W	-	248.4	1,771.4
September 2018	W	-	423.7	1,778.1
Wyoming				
September 2019	-	-	290.3	1,340.0
August 2019	-	-	371.2	1,604.5
September 2018	-	-	370.7	1,204.0
PAD District 5				
September 2019	W	W	2,520.0	22,557.7
August 2019	W	W	2,925.7	21,479.7
September 2018	W	W	2,959.9	21,835.4
Alaska				
September 2019	W	W	W	W
August 2019	W	W	W	W
September 2018	W	W	W	W
Arizona				
September 2019	-	-	463.6	884.5
August 2019	-	-	489.6	770.7
September 2018	-	-	441.5	1,069.8
California				
September 2019	-	-	1,076.7	14,354.2
August 2019	-	-	1,252.8	12,719.8
September 2018	-	-	1,335.1	13,782.4
Hawaii				
September 2019	-	-	W	W
August 2019	-	-	W	W
September 2018	-	-	W	W
Nevada				
September 2019	W	-	W	488.3
August 2019	W	-	W	458.7
September 2018	W	-	W	452.3
Oregon				
September 2019	-	-	28.0	2,086.8
August 2019	-	-	20.0	2,223.2
September 2018	-	-	4.1	2,128.0
Washington				
September 2019	W	-	231.6	4,061.5
August 2019	W	-	517.0	4,507.9
September 2018	W	-	356.0	3,870.5

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Table 44. Refiner residual fuel oil and no. 4 fuel volumes by PAD District
thousand gallons per day

Geographic area month	Residual fuel oil				No. 4 fuel[a]			
	Sulfur less than or equal to 1%		Sulfur greater than 1%		Total		Sales to end users	Sales for resale
	Sales to end users	Sales for resale	Sales to end users	Sales for resale	Sales to end users	Sales for resale		
United States								
September 2019	W	W	W	W	3,242.5	7,513.3	-	W
August 2019	W	1,043.9	W	7,332.4	2,616.6	8,376.4	-	W
September 2018	W	220.9	W	7,610.5	3,582.8	7,831.4	-	W
PAD District 1								
September 2019	W	W	W	W	W	2,976.2	-	-
August 2019	W	1,043.9	W	W	W	W	-	-
September 2018	W	W	W	W	W	2,040.2	-	-
Subdistrict 1A								
September 2019	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-
Subdistrict 1B								
September 2019	W	W	W	W	W	2,976.2	-	-
August 2019	W	1,043.9	W	W	W	W	-	-
September 2018	W	W	W	W	W	2,040.2	-	-
Subdistrict 1C								
September 2019	-	-	-	-	-	-	-	-
August 2019	-	-	-	W	-	W	-	-
September 2018	-	-	-	-	-	-	-	-
PAD District 2								
September 2019	-	-	W	W	W	W	-	-
August 2019	-	-	W	W	W	W	-	-
September 2018	-	-	W	W	W	W	-	-
PAD District 3								
September 2019	-	W	550.6	W	550.6	2,655.1	-	W
August 2019	-	-	309.5	3,247.7	309.5	3,247.7	-	W
September 2018	-	W	W	W	W	4,375.7	-	W
PAD District 4								
September 2019	-	-	-	W	-	W	-	-
August 2019	-	-	-	W	-	W	-	-
September 2018	-	-	-	W	-	W	-	-
PAD District 5								
September 2019	W	-	W	1,852.4	2,406.8	1,852.4	-	-
August 2019	W	-	W	1,937.9	2,021.8	1,937.9	-	-
September 2018	W	W	W	W	2,805.0	1,333.9	-	-

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

Notes: Values shown for the current month are preliminary. Values shown for previous months may be revised. Data through 2018 are final.

Sources: - U.S. Energy Information Administration Form EIA-782A, *Refiners'/Gas Plant Operators' Monthly Petroleum Product Sales Report*.

Prime Supplier Sales Volumes of Petroleum Products for Local Consumption

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state
 thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
September 2019	213,462.3	103,245.6	316,707.9	3,555.3	2,046.4	5,601.7
August 2019	227,949.4	107,368.2	335,317.5	3,892.6	2,217.0	6,109.6
September 2018	219,061.1	104,232.5	323,293.6	3,667.2	2,321.6	5,988.7
PAD District 1						
September 2019	63,048.2	40,673.7	103,721.9	1,341.1	709.0	2,050.2
August 2019	68,929.3	42,124.2	111,053.5	1,484.9	799.8	2,284.6
September 2018	66,113.7	40,503.9	106,617.6	1,354.8	894.5	2,249.3
Subdistrict 1A						
September 2019	1,719.7	12,112.0	13,831.6	21.7	218.3	240.0
August 2019	1,941.9	12,681.9	14,623.8	29.2	253.9	283.2
September 2018	1,815.7	12,768.6	14,584.4	18.9	322.1	341.0
Connecticut						
September 2019	-	3,072.4	3,072.4	-	39.7	39.7
August 2019	-	3,195.6	3,195.6	-	46.9	46.9
September 2018	-	3,517.8	3,517.8	-	87.1	87.1
Maine						
September 2019	740.6	1,095.4	1,836.0	14.2	14.9	29.1
August 2019	830.7	1,190.3	2,021.0	21.0	19.6	40.6
September 2018	759.3	1,107.4	1,866.7	8.0	18.2	26.2
Massachusetts						
September 2019	-	5,392.8	5,392.8	-	121.2	121.2
August 2019	-	5,611.6	5,611.6	-	130.2	130.2
September 2018	-	5,528.2	5,528.2	-	156.7	156.7
New Hampshire						
September 2019	331.6	1,031.8	1,363.4	1.7	15.1	16.8
August 2019	397.0	1,065.7	1,462.7	2.6	23.7	26.3
September 2018	296.3	1,081.0	1,377.3	1.8	25.4	27.2
Rhode Island						
September 2019	-	1,519.6	1,519.6	-	27.4	27.4
August 2019	-	1,618.7	1,618.7	-	33.6	33.6
September 2018	-	1,534.2	1,534.2	-	34.7	34.7
Vermont						
September 2019	647.5	-	647.5	5.8	-	5.8
August 2019	714.2	-	714.2	5.6	-	5.6
September 2018	760.1	-	760.1	9.1	-	9.1
Subdistrict 1B						
September 2019	12,622.8	24,526.0	37,148.8	149.0	428.2	577.2
August 2019	13,512.4	25,251.4	38,763.8	174.0	478.3	652.3
September 2018	13,061.9	23,632.9	36,694.8	131.0	498.3	629.4
Delaware						
September 2019	-	1,169.9	1,169.9	-	8.8	8.8
August 2019	-	1,278.9	1,278.9	-	11.8	11.8
September 2018	-	1,193.7	1,193.7	-	9.3	9.3
District of Columbia						
September 2019	-	184.4	184.4	-	3.0	3.0
August 2019	-	183.4	183.4	-	2.9	2.9
September 2018	-	168.2	168.2	-	3.1	3.1
Maryland						
September 2019	568.6	4,301.8	4,870.3	7.3	52.5	59.8
August 2019	631.6	4,385.1	5,016.7	11.6	65.6	77.2
September 2018	566.8	4,199.7	4,766.5	4.6	66.0	70.6
New Jersey						
September 2019	-	8,997.8	8,997.8	-	125.6	125.6
August 2019	-	9,306.2	9,306.2	-	137.1	137.1
September 2018	-	8,779.9	8,779.9	-	132.0	132.0
New York						
September 2019	5,765.4	6,887.1	12,652.5	87.7	214.3	302.0
August 2019	6,354.4	6,906.2	13,260.6	102.9	235.1	338.0
September 2018	6,080.9	6,712.3	12,793.2	66.8	263.3	330.1
Pennsylvania						
September 2019	6,288.8	2,985.1	9,273.9	54.0	24.0	78.0
August 2019	6,526.4	3,191.6	9,718.0	59.5	25.8	85.3
September 2018	6,414.2	2,579.1	8,993.3	59.7	24.6	84.2

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
United States						
September 2019	23,797.6	19,903.8	43,701.4	240,815.2	125,195.8	366,011.0
August 2019	25,320.9	20,359.7	45,680.6	257,162.9	129,944.9	387,107.8
September 2018	22,775.2	19,303.0	42,078.3	245,503.5	125,857.1	371,360.6
PAD District 1						
September 2019	7,458.3	7,099.6	14,558.0	71,847.7	48,482.4	120,330.0
August 2019	7,827.3	7,244.5	15,071.8	78,241.5	50,168.5	128,410.0
September 2018	7,287.8	6,694.9	13,982.6	74,756.3	48,093.2	122,849.5
Subdistrict 1A						
September 2019	122.5	1,849.5	1,972.0	1,863.8	14,179.8	16,043.6
August 2019	152.6	1,935.6	2,088.2	2,123.7	14,871.4	16,995.2
September 2018	132.1	1,770.8	1,902.9	1,966.7	14,861.6	16,828.3
Connecticut						
September 2019	-	541.6	541.6	-	3,653.7	3,653.7
August 2019	-	550.5	550.5	-	3,793.0	3,793.0
September 2018	-	546.4	546.4	-	4,151.3	4,151.3
Maine						
September 2019	41.0	101.4	142.5	795.8	1,211.8	2,007.6
August 2019	49.7	124.0	173.7	901.4	1,333.9	2,235.3
September 2018	44.1	97.3	141.4	811.4	1,222.9	2,034.3
Massachusetts						
September 2019	-	845.6	845.6	-	6,359.6	6,359.6
August 2019	-	870.5	870.5	-	6,612.3	6,612.3
September 2018	-	790.5	790.5	-	6,475.5	6,475.5
New Hampshire						
September 2019	18.3	131.4	149.8	351.6	1,178.3	1,530.0
August 2019	23.1	142.8	165.9	422.7	1,232.2	1,654.9
September 2018	15.1	118.6	133.7	313.2	1,225.0	1,538.2
Rhode Island						
September 2019	-	229.4	229.4	-	1,776.4	1,776.4
August 2019	-	247.8	247.8	-	1,900.1	1,900.1
September 2018	-	218.1	218.1	-	1,787.0	1,787.0
Vermont						
September 2019	63.1	-	63.1	716.4	-	716.4
August 2019	79.8	-	79.8	799.6	-	799.6
September 2018	72.9	-	72.9	842.0	-	842.0
Subdistrict 1B						
September 2019	1,313.6	4,491.5	5,805.1	14,085.3	29,445.7	43,531.1
August 2019	1,393.6	4,549.7	5,943.3	15,080.1	30,279.4	45,359.4
September 2018	1,150.0	4,171.8	5,321.8	14,343.0	28,303.0	42,646.0
Delaware						
September 2019	-	145.1	145.1	-	1,323.8	1,323.8
August 2019	-	153.0	153.0	-	1,443.8	1,443.8
September 2018	-	131.7	131.7	-	1,334.7	1,334.7
District of Columbia						
September 2019	-	41.9	41.9	-	229.3	229.3
August 2019	-	41.2	41.2	-	227.5	227.5
September 2018	-	34.6	34.6	-	205.9	205.9
Maryland						
September 2019	58.2	739.9	798.1	634.1	5,094.1	5,728.2
August 2019	56.8	742.5	799.3	700.1	5,193.2	5,893.3
September 2018	49.4	705.2	754.6	620.8	4,971.0	5,591.7
New Jersey						
September 2019	-	1,409.1	1,409.1	-	10,532.4	10,532.4
August 2019	-	1,449.5	1,449.5	-	10,892.8	10,892.8
September 2018	-	1,317.7	1,317.7	-	10,229.5	10,229.5
New York						
September 2019	638.7	1,715.1	2,353.8	6,491.8	8,816.5	15,308.3
August 2019	696.4	1,713.4	2,409.8	7,153.7	8,854.7	16,008.4
September 2018	568.4	1,584.7	2,153.1	6,716.1	8,560.4	15,276.5
Pennsylvania						
September 2019	616.7	440.4	1,057.1	6,959.4	3,449.6	10,409.0
August 2019	640.4	450.1	1,090.4	7,226.3	3,667.5	10,893.7
September 2018	532.2	397.9	930.1	7,006.1	3,001.5	10,007.7

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
September 2019	48,705.8	4,035.7	52,741.5	1,170.5	62.6	1,233.0
August 2019	53,475.0	4,190.9	57,665.9	1,281.6	67.6	1,349.2
September 2018	51,236.0	4,102.3	55,338.4	1,204.9	74.0	1,278.9
Florida						
September 2019	15,368.4	-	15,368.4	282.7	-	282.7
August 2019	18,306.6	-	18,306.6	337.1	-	337.1
September 2018	17,160.9	-	17,160.9	297.9	-	297.9
Georgia						
September 2019	11,255.0	-	11,255.0	337.7	-	337.7
August 2019	11,822.5	-	11,822.5	361.1	-	361.1
September 2018	11,843.8	-	11,843.8	343.7	-	343.7
North Carolina						
September 2019	10,619.8	-	10,619.8	289.8	-	289.8
August 2019	10,977.5	-	10,977.5	294.4	-	294.4
September 2018	10,420.0	-	10,420.0	303.5	-	303.5
South Carolina						
September 2019	6,200.2	-	6,200.2	179.9	-	179.9
August 2019	6,679.7	-	6,679.7	199.4	-	199.4
September 2018	6,186.4	-	6,186.4	179.2	-	179.2
Virginia						
September 2019	3,608.0	4,035.7	7,643.7	62.4	62.6	125.0
August 2019	3,908.5	4,190.9	8,099.5	68.4	67.6	136.0
September 2018	3,768.5	4,102.3	7,870.9	62.2	74.0	136.3
West Virginia						
September 2019	1,654.3	-	1,654.3	17.9	-	17.9
August 2019	1,780.1	-	1,780.1	21.2	-	21.2
September 2018	1,856.4	-	1,856.4	18.3	-	18.3
PAD District 2						
September 2019	78,026.0	12,554.5	90,580.6	1,076.5	174.6	1,251.1
August 2019	82,281.3	12,932.6	95,213.9	1,190.1	184.1	1,374.2
September 2018	78,215.5	13,225.5	91,441.0	1,144.2	188.2	1,332.5
Illinois						
September 2019	4,029.7	6,786.7	10,816.4	47.7	82.5	130.2
August 2019	4,262.8	6,994.5	11,257.3	46.6	88.0	134.6
September 2018	4,477.1	7,070.5	11,547.6	63.6	90.9	154.5
Indiana						
September 2019	6,255.0	1,036.2	7,291.2	75.6	23.6	99.1
August 2019	6,675.3	1,079.0	7,754.3	81.2	25.3	106.5
September 2018	6,637.8	1,016.3	7,654.0	85.3	22.7	108.0
Iowa						
September 2019	3,279.7	-	3,279.7	84.5	-	84.5
August 2019	3,232.0	-	3,232.0	94.3	-	94.3
September 2018	2,516.3	-	2,516.3	89.6	-	89.6
Kansas						
September 2019	3,965.6	-	3,965.6	52.1	-	52.1
August 2019	4,099.5	-	4,099.5	53.6	-	53.6
September 2018	4,015.7	-	4,015.7	52.9	-	52.9
Kentucky						
September 2019	4,460.0	647.6	5,107.7	60.7	11.7	72.4
August 2019	4,709.4	672.6	5,382.0	65.6	11.9	77.5
September 2018	4,262.1	828.4	5,090.5	55.9	15.8	71.7
Michigan						
September 2019	11,668.5	-	11,668.5	79.4	-	79.4
August 2019	12,521.1	-	12,521.1	101.2	-	101.2
September 2018	11,947.7	-	11,947.7	87.6	-	87.6
Minnesota						
September 2019	5,602.3	-	5,602.3	99.5	-	99.5
August 2019	5,937.6	-	5,937.6	116.3	-	116.3
September 2018	5,461.5	-	5,461.5	123.4	-	123.4
Missouri						
September 2019	4,981.0	2,197.0	7,178.0	74.8	39.4	114.1
August 2019	5,201.6	2,245.1	7,446.7	76.7	39.7	116.4
September 2018	4,637.5	2,462.7	7,100.2	78.7	41.1	119.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
Subdistrict 1C						
September 2019	6,022.3	758.6	6,780.8	55,898.5	4,856.8	60,755.3
August 2019	6,281.0	759.3	7,040.3	61,037.7	5,017.7	66,055.4
September 2018	6,005.7	752.2	6,757.9	58,446.6	4,928.6	63,375.2
Florida						
September 2019	2,241.1	-	2,241.1	17,892.2	-	17,892.2
August 2019	2,330.9	-	2,330.9	20,974.6	-	20,974.6
September 2018	2,222.4	-	2,222.4	19,681.2	-	19,681.2
Georgia						
September 2019	1,412.0	-	1,412.0	13,004.7	-	13,004.7
August 2019	1,462.5	-	1,462.5	13,646.1	-	13,646.1
September 2018	1,469.3	-	1,469.3	13,656.9	-	13,656.9
North Carolina						
September 2019	1,283.9	-	1,283.9	12,193.5	-	12,193.5
August 2019	1,308.0	-	1,308.0	12,580.0	-	12,580.0
September 2018	1,260.4	-	1,260.4	11,983.9	-	11,983.9
South Carolina						
September 2019	668.7	-	668.7	7,048.9	-	7,048.9
August 2019	710.6	-	710.6	7,589.7	-	7,589.7
September 2018	646.4	-	646.4	7,011.9	-	7,011.9
Virginia						
September 2019	316.3	758.6	1,074.9	3,986.8	4,856.8	8,843.6
August 2019	334.7	759.3	1,094.0	4,311.7	5,017.7	9,329.4
September 2018	312.8	752.2	1,065.1	4,143.6	4,928.6	9,072.2
West Virginia						
September 2019	100.2	-	100.2	1,772.4	-	1,772.4
August 2019	134.3	-	134.3	1,935.5	-	1,935.5
September 2018	94.3	-	94.3	1,969.0	-	1,969.0
PAD District 2						
September 2019	6,434.7	1,443.5	7,878.2	85,537.3	14,172.6	99,709.9
August 2019	7,146.3	1,478.0	8,624.3	90,617.6	14,594.7	105,212.4
September 2018	6,211.1	1,507.1	7,718.2	85,570.8	14,920.9	100,491.7
Illinois						
September 2019	253.4	875.2	1,128.6	4,330.8	7,744.3	12,075.2
August 2019	269.9	887.7	1,157.6	4,579.4	7,970.2	12,549.5
September 2018	240.9	940.1	1,181.0	4,781.6	8,101.6	12,883.2
Indiana						
September 2019	432.4	105.8	538.2	6,763.0	1,165.6	7,928.6
August 2019	464.8	118.6	583.5	7,221.3	1,222.9	8,444.2
September 2018	427.5	100.2	527.7	7,150.6	1,139.2	8,289.7
Iowa						
September 2019	303.3	-	303.3	3,667.5	-	3,667.5
August 2019	323.9	-	323.9	3,650.2	-	3,650.2
September 2018	312.3	-	312.3	2,918.3	-	2,918.3
Kansas						
September 2019	354.5	-	354.5	4,372.3	-	4,372.3
August 2019	368.2	-	368.2	4,521.3	-	4,521.3
September 2018	328.0	-	328.0	4,396.6	-	4,396.6
Kentucky						
September 2019	273.4	68.8	342.3	4,794.1	728.2	5,522.3
August 2019	289.3	73.0	362.3	5,064.4	757.5	5,821.8
September 2018	247.7	75.7	323.4	4,565.8	919.8	5,485.6
Michigan						
September 2019	737.2	-	737.2	12,485.1	-	12,485.1
August 2019	860.3	-	860.3	13,482.6	-	13,482.6
September 2018	748.5	-	748.5	12,783.8	-	12,783.8
Minnesota						
September 2019	564.8	-	564.8	6,266.6	-	6,266.6
August 2019	691.5	-	691.5	6,745.5	-	6,745.5
September 2018	535.8	-	535.8	6,120.7	-	6,120.7
Missouri						
September 2019	417.6	218.7	636.2	5,473.3	2,455.1	7,928.4
August 2019	440.8	217.1	657.9	5,719.1	2,502.0	8,221.1
September 2018	367.1	220.8	587.8	5,083.3	2,724.6	7,807.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
September 2019	2,072.5	-	2,072.5	44.5	-	44.5
August 2019	2,152.3	-	2,152.3	47.8	-	47.8
September 2018	1,971.7	-	1,971.7	37.9	-	37.9
North Dakota						
September 2019	929.1	-	929.1	21.5	-	21.5
August 2019	1,027.4	-	1,027.4	22.3	-	22.3
September 2018	923.0	-	923.0	24.0	-	24.0
Ohio						
September 2019	12,300.1	-	12,300.1	140.2	-	140.2
August 2019	12,885.5	-	12,885.5	151.4	-	151.4
September 2018	12,162.5	-	12,162.5	151.3	-	151.3
Oklahoma						
September 2019	4,799.9	-	4,799.9	67.0	-	67.0
August 2019	4,926.8	-	4,926.8	69.3	-	69.3
September 2018	4,978.1	-	4,978.1	63.9	-	63.9
South Dakota						
September 2019	1,194.8	-	1,194.8	21.4	-	21.4
August 2019	1,266.7	-	1,266.7	22.1	-	22.1
September 2018	1,083.6	-	1,083.6	24.5	-	24.5
Tennessee						
September 2019	8,479.0	-	8,479.0	169.9	-	169.9
August 2019	8,917.1	-	8,917.1	191.9	-	191.9
September 2018	8,520.5	-	8,520.5	164.2	-	164.2
Wisconsin						
September 2019	4,008.7	1,887.0	5,895.7	37.7	17.5	55.2
August 2019	4,466.2	1,941.4	6,407.6	49.7	19.2	68.9
September 2018	4,620.4	1,847.7	6,468.1	41.3	17.7	59.1
PAD District 3						
September 2019	42,888.9	16,212.0	59,100.8	549.3	270.4	819.7
August 2019	45,270.5	16,833.7	62,104.2	590.5	280.5	870.9
September 2018	45,003.6	15,725.8	60,729.4	536.0	268.4	804.4
Alabama						
September 2019	6,432.7	-	6,432.7	83.6	-	83.6
August 2019	6,713.1	-	6,713.1	96.1	-	96.1
September 2018	6,251.5	-	6,251.5	82.1	-	82.1
Arkansas						
September 2019	3,535.3	-	3,535.3	39.5	-	39.5
August 2019	3,541.9	-	3,541.9	41.0	-	41.0
September 2018	3,435.9	-	3,435.9	40.5	-	40.5
Louisiana						
September 2019	6,417.2	-	6,417.2	47.0	-	47.0
August 2019	6,489.2	-	6,489.2	49.9	-	49.9
September 2018	6,988.8	-	6,988.8	49.2	-	49.2
Mississippi						
September 2019	3,811.0	-	3,811.0	51.7	-	51.7
August 2019	3,883.2	-	3,883.2	54.7	-	54.7
September 2018	4,301.5	-	4,301.5	52.7	-	52.7
New Mexico						
September 2019	2,382.6	-	2,382.6	81.5	-	81.5
August 2019	2,534.6	-	2,534.6	84.9	-	84.9
September 2018	2,425.9	-	2,425.9	79.9	-	79.9
Texas						
September 2019	20,310.1	16,212.0	36,522.1	246.0	270.4	516.5
August 2019	22,108.5	16,833.7	38,942.2	263.8	280.5	544.3
September 2018	21,600.1	15,725.8	37,325.9	231.5	268.4	499.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 2 (cont.)						
Nebraska						
September 2019	237.2	-	237.2	2,354.2	-	2,354.2
August 2019	250.5	-	250.5	2,450.6	-	2,450.6
September 2018	227.1	-	227.1	2,236.7	-	2,236.7
North Dakota						
September 2019	106.9	-	106.9	1,057.4	-	1,057.4
August 2019	126.8	-	126.8	1,176.5	-	1,176.5
September 2018	91.9	-	91.9	1,038.9	-	1,038.9
Ohio						
September 2019	866.7	-	866.7	13,307.0	-	13,307.0
August 2019	923.2	-	923.2	13,960.1	-	13,960.1
September 2018	853.3	-	853.3	13,167.1	-	13,167.1
Oklahoma						
September 2019	499.5	-	499.5	5,366.4	-	5,366.4
August 2019	567.2	-	567.2	5,563.3	-	5,563.3
September 2018	470.7	-	470.7	5,512.7	-	5,512.7
South Dakota						
September 2019	123.0	-	123.0	1,339.2	-	1,339.2
August 2019	159.0	-	159.0	1,447.8	-	1,447.8
September 2018	109.1	-	109.1	1,217.2	-	1,217.2
Tennessee						
September 2019	880.7	-	880.7	9,529.6	-	9,529.6
August 2019	916.6	-	916.6	10,025.5	-	10,025.5
September 2018	830.3	-	830.3	9,515.0	-	9,515.0
Wisconsin						
September 2019	384.2	175.0	559.2	4,430.6	2,079.5	6,510.1
August 2019	494.3	181.5	675.8	5,010.1	2,142.2	7,152.3
September 2018	420.9	170.3	591.2	5,082.6	2,035.8	7,118.4
PAD District 3						
September 2019	3,963.5	2,363.9	6,327.5	47,401.7	18,846.3	66,248.0
August 2019	3,974.9	2,363.4	6,338.3	49,835.9	19,477.5	69,313.4
September 2018	3,613.1	2,107.8	5,720.8	49,152.7	18,102.0	67,254.6
Alabama						
September 2019	567.2	-	567.2	7,083.5	-	7,083.5
August 2019	589.9	-	589.9	7,399.1	-	7,399.1
September 2018	529.3	-	529.3	6,862.9	-	6,862.9
Arkansas						
September 2019	320.8	-	320.8	3,895.6	-	3,895.6
August 2019	317.3	-	317.3	3,900.2	-	3,900.2
September 2018	285.3	-	285.3	3,761.7	-	3,761.7
Louisiana						
September 2019	551.0	-	551.0	7,015.3	-	7,015.3
August 2019	560.4	-	560.4	7,099.5	-	7,099.5
September 2018	516.2	-	516.2	7,554.2	-	7,554.2
Mississippi						
September 2019	301.6	-	301.6	4,164.2	-	4,164.2
August 2019	315.3	-	315.3	4,253.2	-	4,253.2
September 2018	274.8	-	274.8	4,629.0	-	4,629.0
New Mexico						
September 2019	309.1	-	309.1	2,773.1	-	2,773.1
August 2019	336.8	-	336.8	2,956.3	-	2,956.3
September 2018	302.1	-	302.1	2,807.9	-	2,807.9
Texas						
September 2019	1,913.8	2,363.9	4,277.7	22,470.0	18,846.3	41,316.3
August 2019	1,855.2	2,363.4	4,218.6	24,227.6	19,477.5	43,705.1
September 2018	1,705.4	2,107.8	3,813.2	23,537.0	18,102.0	41,638.9

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Regular			Midgrade		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
September 2019	12,731.5	-	12,731.5	294.8	-	294.8
August 2019	13,498.9	-	13,498.9	318.4	-	318.4
September 2018	12,777.5	-	12,777.5	299.5	-	299.5
Colorado						
September 2019	5,278.2	-	5,278.2	112.2	-	112.2
August 2019	5,591.1	-	5,591.1	119.7	-	119.7
September 2018	5,328.4	-	5,328.4	121.9	-	121.9
Idaho						
September 2019	1,840.2	-	1,840.2	21.4	-	21.4
August 2019	1,927.1	-	1,927.1	22.8	-	22.8
September 2018	1,789.6	-	1,789.6	23.2	-	23.2
Montana						
September 2019	1,716.3	-	1,716.3	70.1	-	70.1
August 2019	1,941.4	-	1,941.4	77.5	-	77.5
September 2018	1,792.3	-	1,792.3	72.9	-	72.9
Utah						
September 2019	3,020.5	-	3,020.5	69.4	-	69.4
August 2019	3,093.7	-	3,093.7	69.6	-	69.6
September 2018	2,964.9	-	2,964.9	66.7	-	66.7
Wyoming						
September 2019	876.2	-	876.2	21.7	-	21.7
August 2019	945.6	-	945.6	28.7	-	28.7
September 2018	902.2	-	902.2	14.8	-	14.8
PAD District 5						
September 2019	16,767.7	33,805.4	50,573.1	293.5	892.3	1,185.8
August 2019	17,969.4	35,477.6	53,447.1	308.7	952.7	1,261.5
September 2018	16,950.8	34,777.3	51,728.1	332.7	970.4	1,303.1
Alaska						
September 2019	633.2	-	633.2	W	-	W
August 2019	744.1	-	744.1	W	-	W
September 2018	616.6	-	616.6	W	-	W
Arizona						
September 2019	2,678.7	4,281.8	6,960.5	W	W	123.8
August 2019	W	W	7,185.8	W	W	132.9
September 2018	2,702.3	4,297.3	6,999.6	W	W	129.7
California						
September 2019	-	29,523.5	29,523.5	-	W	816.6
August 2019	-	30,965.4	30,965.4	-	W	872.2
September 2018	-	30,480.0	30,480.0	-	W	892.5
Hawaii						
September 2019	974.0	-	974.0	W	-	W
August 2019	1,018.1	-	1,018.1	W	-	W
September 2018	952.4	-	952.4	W	-	W
Nevada						
September 2019	2,502.7	-	2,502.7	52.5	-	52.5
August 2019	W	W	2,739.6	54.5	-	54.5
September 2018	2,568.2	-	2,568.2	78.6	-	78.6
Oregon						
September 2019	3,598.2	-	3,598.2	25.5	-	25.5
August 2019	3,981.9	-	3,981.9	28.6	-	28.6
September 2018	3,715.3	-	3,715.3	27.9	-	27.9
Washington						
September 2019	6,381.0	-	6,381.0	81.8	-	81.8
August 2019	6,812.2	-	6,812.2	91.5	-	91.5
September 2018	6,396.0	-	6,396.0	85.8	-	85.8

See footnotes at end of table.

Table 45. Prime supplier sales volumes of motor gasoline by grade, formulation, PAD District, and state (cont.)
thousand gallons per day

Geographic area month	Premium			All grades		
	Conventional	Reformulated	Total	Conventional	Reformulated	Total
PAD District 4						
September 2019	2,856.1	-	2,856.1	15,882.4	-	15,882.4
August 2019	3,049.7	-	3,049.7	16,867.0	-	16,867.0
September 2018	2,655.5	-	2,655.5	15,732.4	-	15,732.4
Colorado						
September 2019	1,178.5	-	1,178.5	6,568.9	-	6,568.9
August 2019	1,261.8	-	1,261.8	6,972.6	-	6,972.6
September 2018	1,123.0	-	1,123.0	6,573.3	-	6,573.3
Idaho						
September 2019	321.0	-	321.0	2,182.6	-	2,182.6
August 2019	349.3	-	349.3	2,299.2	-	2,299.2
September 2018	288.5	-	288.5	2,101.3	-	2,101.3
Montana						
September 2019	325.4	-	325.4	2,111.9	-	2,111.9
August 2019	378.0	-	378.0	2,396.9	-	2,396.9
September 2018	301.2	-	301.2	2,166.4	-	2,166.4
Utah						
September 2019	836.5	-	836.5	3,926.5	-	3,926.5
August 2019	853.4	-	853.4	4,016.7	-	4,016.7
September 2018	771.4	-	771.4	3,803.0	-	3,803.0
Wyoming						
September 2019	194.6	-	194.6	1,092.6	-	1,092.6
August 2019	207.2	-	207.2	1,181.5	-	1,181.5
September 2018	171.4	-	171.4	1,088.5	-	1,088.5
PAD District 5						
September 2019	3,084.9	8,996.8	12,081.7	20,146.1	43,694.5	63,840.6
August 2019	3,322.7	9,273.8	12,596.5	21,600.9	45,704.1	67,305.0
September 2018	3,007.9	8,993.3	12,001.1	20,291.3	44,741.0	65,032.3
Alaska						
September 2019	W	-	W	715.4	-	715.4
August 2019	W	-	W	837.8	-	837.8
September 2018	W	-	W	700.0	-	700.0
Arizona						
September 2019	W	W	945.7	3,113.2	4,916.7	8,029.9
August 2019	W	W	950.6	W	W	8,269.3
September 2018	W	W	926.6	3,140.2	4,915.6	8,055.8
California						
September 2019	-	W	8,437.6	-	38,777.7	38,777.7
August 2019	-	W	8,700.8	-	40,538.4	40,538.4
September 2018	-	W	8,452.9	-	39,825.4	39,825.4
Hawaii						
September 2019	W	-	W	1,278.9	-	1,278.9
August 2019	W	-	W	1,322.8	-	1,322.8
September 2018	W	-	W	1,255.4	-	1,255.4
Nevada						
September 2019	636.3	-	636.3	3,191.5	-	3,191.5
August 2019	W	W	690.3	W	W	3,484.5
September 2018	613.7	-	613.7	3,260.5	-	3,260.5
Oregon						
September 2019	499.7	-	499.7	4,123.4	-	4,123.4
August 2019	560.8	-	560.8	4,571.3	-	4,571.3
September 2018	487.9	-	487.9	4,231.1	-	4,231.1
Washington						
September 2019	1,261.1	-	1,261.1	7,723.9	-	7,723.9
August 2019	1,377.2	-	1,377.2	8,280.9	-	8,280.9
September 2018	1,222.3	-	1,222.3	7,704.1	-	7,704.1

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Notes: - Beginning January 2007, oxygenated gasoline is included in conventional gasoline. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
United States								
September 2019	464.2	66,610.6	-	W	25,771.9	1,413.5	10,165.1	11,578.6
August 2019	510.7	66,939.0	-	W	22,409.5	940.5	10,920.1	11,860.6
September 2018	455.1	67,985.0	-	W	25,695.5	1,263.5	10,282.4	11,545.9
PAD District 1								
September 2019	146.8	15,003.4	-	W	5,330.2	389.5	W	W
August 2019	155.0	15,453.4	-	W	4,398.9	138.7	2,546.7	2,685.5
September 2018	136.9	15,327.3	-	W	5,559.5	210.5	3,508.8	3,719.3
Subdistrict 1A								
September 2019	21.9	1,628.9	-	W	934.8	W	W	W
August 2019	25.1	1,683.3	-	W	716.8	W	W	51.1
September 2018	20.5	1,498.6	-	W	864.3	W	W	26.6
Connecticut								
September 2019	3.5	183.3	-	-	89.6	W	-	W
August 2019	2.6	201.2	-	-	63.5	W	-	W
September 2018	2.4	196.0	-	-	104.8	-	-	-
Maine								
September 2019	4.0	102.8	-	W	258.0	W	W	16.4
August 2019	5.2	112.5	-	-	198.0	W	W	13.3
September 2018	3.2	124.6	-	-	261.2	W	W	6.9
Massachusetts								
September 2019	8.9	1,175.9	-	W	184.7	W	W	W
August 2019	11.3	1,191.7	-	W	130.6	W	W	W
September 2018	9.1	1,022.1	-	W	142.9	W	W	9.3
New Hampshire								
September 2019	2.9	54.4	-	W	220.1	W	-	W
August 2019	3.0	57.7	-	-	203.0	W	-	W
September 2018	3.1	47.8	-	-	180.7	W	-	W
Rhode Island								
September 2019	W	81.6	-	-	19.9	-	-	-
August 2019	W	85.6	-	-	13.6	-	-	-
September 2018	W	77.9	-	-	16.9	W	-	W
Vermont								
September 2019	W	30.9	-	W	162.5	W	-	W
August 2019	W	34.4	-	W	108.0	W	-	W
September 2018	W	30.2	-	-	157.8	W	W	W
Subdistrict 1B								
September 2019	35.4	9,061.1	-	W	1,981.4	W	W	2,351.4
August 2019	35.1	9,071.4	-	W	1,594.9	W	W	2,295.9
September 2018	27.6	9,547.1	-	W	2,096.0	W	W	2,640.5
Delaware								
September 2019	0.9	11.4	-	-	98.2	W	W	W
August 2019	1.6	11.7	-	-	103.8	W	-	W
September 2018	1.3	11.3	-	-	124.8	-	-	-
District of Columbia								
September 2019	-	-	-	-	-	-	-	-
August 2019	-	-	-	-	-	-	-	-
September 2018	-	-	-	-	-	-	-	-
Maryland								
September 2019	5.2	214.6	-	-	245.5	-	-	-
August 2019	5.6	218.8	-	-	181.8	-	W	W
September 2018	3.4	191.6	-	-	219.0	-	W	W
New Jersey								
September 2019	8.1	2,941.3	-	W	129.7	W	W	W
August 2019	5.8	2,750.8	-	W	111.1	W	W	1,851.6
September 2018	5.6	3,481.5	-	-	115.5	W	W	1,946.9
New York								
September 2019	11.0	3,564.0	-	W	636.5	W	W	506.7
August 2019	12.3	3,642.4	-	W	531.4	W	W	413.0
September 2018	8.9	3,544.0	-	W	624.6	W	W	609.9
Pennsylvania								
September 2019	10.1	2,329.8	-	-	871.6	W	W	W
August 2019	9.9	2,447.6	-	-	666.8	W	W	20.0
September 2018	8.4	2,318.6	-	-	1,012.2	W	W	W

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
Subdistrict 1C								
September 2019	89.5	4,313.3	-	2,414.0	-	287.9		287.9
August 2019	94.8	4,698.7	-	2,087.2	-	338.5		338.5
September 2018	88.8	4,281.7	-	2,599.2	-	1,052.1		1,052.1
Florida								
September 2019	46.1	2,102.5	-	529.6	-	266.4		266.4
August 2019	50.2	2,454.9	-	503.7	-	302.2		302.2
September 2018	50.8	2,102.4	-	502.7	-	780.1		780.1
Georgia								
September 2019	14.2	492.2	-	362.8	-	W		W
August 2019	15.8	437.7	-	337.3	-	17.1		17.1
September 2018	13.4	439.4	-	404.9	-	W		W
North Carolina								
September 2019	12.1	338.2	-	753.8	-	W		W
August 2019	11.6	333.9	-	576.7	-	W		W
September 2018	10.0	405.9	-	762.2	-	W		W
South Carolina								
September 2019	4.9	262.0	-	234.8	-	W		W
August 2019	7.3	330.4	-	246.6	-	W		W
September 2018	W	237.4	-	350.3	-	W		W
Virginia								
September 2019	10.3	1,093.3	-	389.7	-	-		-
August 2019	7.6	1,116.9	-	302.5	-	W		W
September 2018	8.2	1,075.4	-	436.9	-	-		-
West Virginia								
September 2019	1.9	25.1	-	143.2	-	-		-
August 2019	2.3	24.9	-	120.4	-	-		-
September 2018	W	21.1	-	142.2	-	W		W
PAD District 2								
September 2019	114.0	11,399.7	-	7,487.4	W	W		W
August 2019	130.8	11,432.0	-	7,030.6	W	W		151.6
September 2018	101.4	10,975.7	-	7,716.8	W	149.6		W
Illinois								
September 2019	11.7	3,143.6	-	887.9	-	-		-
August 2019	9.2	3,210.0	-	833.5	-	-		-
September 2018	9.2	3,074.1	-	960.6	-	W		W
Indiana								
September 2019	8.0	1,155.2	-	432.1	-	W		W
August 2019	12.0	1,106.0	-	449.5	-	NA		NA
September 2018	7.7	1,286.5	-	499.5	-	-		-
Iowa								
September 2019	4.4	87.5	-	598.3	-	-		-
August 2019	7.0	116.0	-	663.6	-	-		-
September 2018	5.3	91.2	-	788.6	-	-		-
Kansas								
September 2019	8.0	136.7	-	508.3	-	-		-
August 2019	7.7	158.5	-	423.7	-	-		-
September 2018	6.2	121.8	-	494.1	-	-		-
Kentucky								
September 2019	4.5	1,496.3	-	279.3	-	-		-
August 2019	6.5	1,604.1	-	270.1	-	-		-
September 2018	3.4	1,475.9	-	343.8	-	-		-
Michigan								
September 2019	9.3	541.4	-	885.0	-	W		W
August 2019	14.7	717.2	-	775.5	-	W		W
September 2018	11.0	570.3	-	641.6	-	W		W
Minnesota								
September 2019	9.0	398.0	-	633.6	-	W		W
August 2019	10.7	391.7	-	615.3	-	W		W
September 2018	7.4	359.3	-	675.6	-	W		W
Missouri								
September 2019	9.3	351.7	-	622.9	-	-		-
August 2019	8.9	373.5	-	531.2	-	-		-
September 2018	7.4	361.9	-	706.9	-	-		-

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)

thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil					
					Sulfur less than or equal to 1%	Sulfur greater than 1%							
PAD District 2 (cont.)													
Nebraska													
September 2019	3.4	148.7	-	256.7	-	-	-	-					
August 2019	6.5	186.3	-	181.4	-	-	-	-					
September 2018	3.2	185.7	-	273.3	-	-	-	-					
North Dakota													
September 2019	5.4	89.0	-	523.2	-	-	-	-					
August 2019	5.3	94.0	-	539.1	-	-	-	-					
September 2018	5.2	116.9	-	505.9	-	-	-	-					
Ohio													
September 2019	13.3	1,153.6	-	679.2	W	W	W	W					
August 2019	11.5	1,115.1	-	572.2	W	W	W	W					
September 2018	9.3	945.0	-	607.5	W	W	W	W					
Oklahoma													
September 2019	6.3	1,005.6	-	236.3	-	W	W	W					
August 2019	8.7	871.6	-	228.9	-	W	W	W					
September 2018	6.6	815.3	-	228.2	-	-	-	-					
South Dakota													
September 2019	2.8	55.1	-	180.0	-	W	W	W					
August 2019	3.3	68.7	-	145.7	-	W	W	W					
September 2018	3.9	50.1	-	199.5	-	W	W	W					
Tennessee													
September 2019	11.0	1,442.2	-	198.3	-	-	-	-					
August 2019	9.8	1,187.5	-	195.1	-	W	W	W					
September 2018	7.8	1,324.5	-	222.9	-	W	W	W					
Wisconsin													
September 2019	7.4	195.0	-	566.2	-	W	W	W					
August 2019	9.0	231.5	-	605.8	-	W	W	W					
September 2018	7.8	197.3	-	568.8	-	W	W	W					
PAD District 3													
September 2019	76.9	16,723.6	-	9,897.0	21.3	3,614.8	3,636.1						
August 2019	74.3	16,170.9	-	8,088.0	204.8	4,143.5	4,348.4						
September 2018	62.6	20,024.0	-	9,462.4	184.9	2,866.5	3,051.4						
Alabama													
September 2019	6.9	264.0	-	163.5	W	W	W						
August 2019	8.4	180.4	-	156.8	W	W	W						
September 2018	7.6	168.5	-	191.1	-	W	W						
Arkansas													
September 2019	5.0	135.6	-	128.9	-	-	-						
August 2019	5.9	167.5	-	130.6	-	-	-						
September 2018	5.0	220.2	-	125.4	-	-	-						
Louisiana													
September 2019	7.2	2,504.4	-	1,349.3	-	1,151.1	1,151.1						
August 2019	6.4	2,206.2	-	1,137.6	W	W	1,231.1						
September 2018	7.2	3,903.1	-	1,036.9	W	W	726.7						
Mississippi													
September 2019	5.5	1,748.3	-	167.4	-	W	W						
August 2019	5.3	1,402.0	-	213.6	-	W	W						
September 2018	3.9	2,547.0	-	198.0	-	W	W						
New Mexico													
September 2019	4.0	136.2	-	156.4	-	-	-						
August 2019	4.8	145.7	-	139.4	-	-	-						
September 2018	3.3	153.5	-	183.0	-	-	-						
Texas													
September 2019	48.3	11,935.1	-	7,931.5	W	W	2,383.1						
August 2019	43.5	12,069.0	-	6,310.0	W	W	3,057.9						
September 2018	35.6	13,031.7	-	7,728.0	W	W	2,222.4						

See footnotes at end of table.

Table 46. Prime supplier sales volumes of aviation fuels, no. 4 fuel oil, propane, and residual fuel oil by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Aviation gasoline	Kerosene-type jet fuel	No. 4 fuel oil[a]	Propane (consumer grade)	Residual fuel oil			Total residual fuel oil
					Sulfur less than or equal to 1%	Sulfur greater than 1%		
PAD District 4								
September 2019	31.4	2,240.3	-	971.9	-	-	-	-
August 2019	39.1	2,348.9	-	950.1	-	-	-	-
September 2018	34.4	2,095.9	-	843.7	-	-	W	W
Colorado								
September 2019	11.7	1,160.0	-	278.8	-	-	-	-
August 2019	12.6	1,185.7	-	253.1	-	-	-	-
September 2018	12.9	1,062.5	-	254.7	-	-	-	-
Idaho								
September 2019	6.5	112.3	-	108.8	-	-	-	-
August 2019	9.5	159.3	-	89.0	-	-	-	-
September 2018	5.4	142.6	-	108.3	-	-	-	-
Montana								
September 2019	5.6	137.2	-	219.3	-	-	-	-
August 2019	7.5	210.7	-	219.9	-	-	-	-
September 2018	6.3	136.7	-	219.4	-	-	-	-
Utah								
September 2019	5.7	748.7	-	85.9	-	-	-	-
August 2019	6.7	700.0	-	86.3	-	-	-	-
September 2018	6.2	702.7	-	92.8	-	-	-	-
Wyoming								
September 2019	1.8	82.1	-	279.1	-	-	-	-
August 2019	2.8	93.3	-	301.9	-	-	-	-
September 2018	3.7	51.4	-	168.4	-	-	W	W
PAD District 5								
September 2019	95.1	21,243.7	-	2,085.5	W	W	W	5,091.3
August 2019	111.5	21,533.8	-	1,941.9	W	W	W	4,675.2
September 2018	119.8	19,562.1	-	2,113.0	W	W	W	4,620.6
Alaska								
September 2019	W	2,062.9	-	W	-	-	-	-
August 2019	W	2,011.0	-	W	-	-	-	-
September 2018	W	1,873.9	-	W	-	-	-	-
Arizona								
September 2019	19.2	447.7	-	140.4	-	-	-	-
August 2019	17.6	448.4	-	126.8	-	-	-	-
September 2018	19.0	415.2	-	228.4	-	-	-	-
California								
September 2019	42.7	13,005.9	-	1,063.7	-	1,991.6	1,991.6	1,991.6
August 2019	52.8	13,527.5	-	1,059.1	-	1,934.5	1,934.5	1,934.5
September 2018	56.4	12,415.6	-	1,019.6	W	W	W	2,020.5
Hawaii								
September 2019	W	1,886.5	-	W	W	W	W	W
August 2019	W	1,708.6	-	W	W	W	W	W
September 2018	W	1,371.1	-	W	W	W	W	1,090.0
Nevada								
September 2019	6.6	605.4	-	100.1	-	-	-	-
August 2019	6.0	649.0	-	73.5	-	-	-	-
September 2018	6.0	707.5	-	69.3	-	-	-	-
Oregon								
September 2019	8.7	603.0	-	158.5	-	W	W	W
August 2019	13.1	688.1	-	132.7	-	W	W	W
September 2018	17.3	616.3	-	151.6	-	-	-	-
Washington								
September 2019	13.7	2,632.3	-	575.1	-	1,574.1	1,574.1	1,574.1
August 2019	15.8	2,501.2	-	509.8	-	1,666.5	1,666.5	1,666.5
September 2018	16.6	2,162.4	-	592.0	-	1,510.1	1,510.1	1,510.1

- = No data reported.

NA = Not available.

W = Withheld to avoid disclosure of individual company data.

[a] Includes No. 4 fuel oil and No. 4 diesel fuel.

Notes: Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state
 thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		High-sulfur	No. 2 distillate	Total distillate and kerosene		
					No. 2 diesel fuel						
United States											
September 2019	810.5	W	4,573.4	162,284.2	W	W	W	168,221.0	169,529.6		
August 2019	715.5	W	2,788.0	164,109.3	W	W	W	168,371.7	169,375.9		
September 2018	860.1	W	4,140.0	165,629.4	W	W	W	171,477.2	172,870.9		
PAD District 1											
September 2019	175.6	W	4,152.2	38,561.6	-	277.8	42,991.7	43,233.9			
August 2019	92.2	W	2,398.1	40,414.6	-	236.7	43,049.5	43,181.8			
September 2018	W	71.3	3,806.0	38,653.6	-	327.1	42,786.7	43,029.6			
Subdistrict 1A											
September 2019	70.3	W	1,826.4	W	-	W	5,441.3	5,522.8			
August 2019	W	W	1,039.6	W	-	W	4,694.4	4,721.3			
September 2018	49.5	W	1,700.1	W	-	W	5,129.0	5,192.8			
Connecticut											
September 2019	W	W	379.4	692.5	-	-	1,071.9	1,074.4			
August 2019	W	W	208.2	684.1	-	-	892.3	895.1			
September 2018	W	W	354.4	668.9	-	-	1,023.3	1,031.1			
Maine											
September 2019	55.3	W	486.7	W	-	W	1,226.3	1,284.5			
August 2019	W	W	228.7	W	-	W	995.5	1,012.3			
September 2018	W	W	406.3	W	-	W	1,124.5	1,162.8			
Massachusetts											
September 2019	2.9	W	439.8	W	-	W	1,725.2	1,729.5			
August 2019	W	W	276.5	W	-	W	1,557.5	1,559.1			
September 2018	W	W	432.3	W	-	W	1,599.2	1,602.4			
New Hampshire											
September 2019	7.9	W	232.1	340.5	-	-	572.6	584.4			
August 2019	W	W	126.8	339.9	-	-	466.6	469.7			
September 2018	W	W	194.2	340.9	-	-	535.2	547.5			
Rhode Island											
September 2019	W	W	148.6	365.9	-	-	514.5	514.6			
August 2019	-	-	105.7	375.8	-	-	481.5	481.5			
September 2018	W	W	196.0	W	-	W	551.2	551.4			
Vermont											
September 2019	3.4	W	139.8	191.0	-	-	330.8	335.3			
August 2019	1.8	W	93.7	207.3	-	-	301.0	303.5			
September 2018	W	W	116.9	178.7	-	-	295.6	297.6			
Subdistrict 1B											
September 2019	82.1	W	2,288.4	W	-	W	15,944.5	16,074.4			
August 2019	57.3	W	1,307.4	W	-	W	15,247.1	15,335.6			
September 2018	70.0	W	1,962.0	13,349.7	-	231.8	15,543.6	15,656.1			
Delaware											
September 2019	1.3	-	W	377.9	-	W	474.9	476.2			
August 2019	W	-	W	347.2	-	W	W	356.2			
September 2018	1.3	-	W	W	-	-	256.5	257.8			
District of Columbia											
September 2019	-	-	W	W	-	-	37.7	37.7			
August 2019	-	-	W	W	-	-	43.0	43.0			
September 2018	-	-	W	W	-	-	41.6	41.6			
Maryland											
September 2019	4.4	-	77.8	W	-	W	1,883.3	1,887.7			
August 2019	W	-	60.6	1,853.4	-	W	W	1,941.8			
September 2018	8.0	-	131.1	W	-	W	1,777.9	1,785.9			
New Jersey											
September 2019	W	-	446.7	W	-	W	3,417.7	3,439.7			
August 2019	W	-	201.2	W	-	W	3,442.1	3,443.5			
September 2018	W	W	447.6	W	-	W	4,053.8	4,053.9			
New York											
September 2019	28.6	W	1,018.3	W	-	W	4,605.7	4,680.3			
August 2019	38.2	W	666.8	W	-	W	4,184.6	4,252.6			
September 2018	37.3	W	836.2	W	-	W	4,123.3	4,203.1			
Pennsylvania											
September 2019	W	W	648.6	W	-	W	5,525.2	5,552.7			
August 2019	13.3	-	370.9	W	-	W	5,285.2	5,298.5			
September 2018	W	W	538.1	W	-	W	5,290.5	5,313.8			

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
Subdistrict 1C							
September 2019	23.2	7.8	37.4	W	-	W	21,605.8
August 2019	W	W	51.2	W	-	W	23,107.9
September 2018	W	W	143.8	W	-	W	22,114.2
Florida							
September 2019	W	-	-	5,595.2	-	W	5,631.4
August 2019	W	-	-	6,253.4	-	W	6,300.4
September 2018	W	-	-	5,811.8	-	W	5,879.3
Georgia							
September 2019	W	W	-	W	-	W	4,782.8
August 2019	W	W	-	W	-	W	5,019.6
September 2018	W	W	-	W	-	W	4,702.5
North Carolina							
September 2019	W	W	W	W	-	-	3,784.7
August 2019	W	W	W	W	-	-	3,881.8
September 2018	W	-	W	W	-	-	W
South Carolina							
September 2019	1.1	-	W	2,602.4	-	W	2,613.7
August 2019	W	-	W	2,857.4	-	W	2,861.5
September 2018	1.5	-	W	2,804.8	-	W	2,808.9
Virginia							
September 2019	6.3	-	12.1	W	-	W	3,540.5
August 2019	4.8	-	10.5	W	-	W	3,627.2
September 2018	W	W	95.3	W	-	W	3,855.2
West Virginia							
September 2019	W	W	13.4	W	-	-	W
August 2019	W	W	W	W	-	-	1,417.9
September 2018	W	W	20.6	W	-	-	W
PAD District 2							
September 2019	28.9	148.0	27.3	W	-	W	52,671.0
August 2019	21.3	102.5	24.7	W	-	W	53,117.5
September 2018	31.6	173.5	35.3	W	-	W	53,793.5
Illinois							
September 2019	2.2	12.5	-	5,737.2	-	-	5,737.2
August 2019	1.4	6.8	-	5,589.6	-	-	5,589.6
September 2018	1.0	4.0	-	6,270.7	-	-	6,270.7
Indiana							
September 2019	W	W	-	W	-	W	4,360.0
August 2019	W	W	-	W	-	W	4,499.2
September 2018	3.7	3.2	-	W	-	W	4,307.3
Iowa							
September 2019	0.8	13.8	W	W	-	-	2,796.7
August 2019	W	W	W	W	-	-	2,793.1
September 2018	1.7	16.2	W	W	-	-	3,002.4
Kansas							
September 2019	W	W	-	3,684.0	-	-	3,684.0
August 2019	W	W	-	3,359.6	-	-	3,359.6
September 2018	W	W	-	3,353.5	-	-	3,353.5
Kentucky							
September 2019	W	W	-	W	-	W	2,507.1
August 2019	W	W	-	W	-	W	2,662.4
September 2018	W	W	W	2,679.5	-	W	2,706.2
Michigan							
September 2019	W	W	W	3,269.9	-	W	3,301.7
August 2019	W	W	-	W	-	W	3,502.2
September 2018	W	W	W	3,219.7	-	W	3,252.5
Minnesota							
September 2019	2.7	28.1	3.5	2,806.1	-	-	2,809.6
August 2019	W	W	W	W	-	-	2,856.1
September 2018	1.7	27.7	7.6	2,846.9	-	-	2,854.5
Missouri							
September 2019	W	W	W	W	-	-	4,027.8
August 2019	W	W	-	3,955.9	-	-	3,955.9
September 2018	W	W	-	3,710.8	-	-	3,714.2

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene					
					No. 2 diesel fuel	Low-sulfur						
PAD District 2 (cont.)												
Nebraska												
September 2019	-		W	W	W	-	W 2,365.1					
August 2019			W	-	W	-	W 2,201.4					
September 2018	W		W	W	W	-	2,305.8 2,321.3					
North Dakota												
September 2019	W		W	W	W	-	2,094.3 2,130.8					
August 2019	W		W	W	W	-	2,311.4 2,324.9					
September 2018	W		W	W	W	-	2,236.0 2,287.7					
Ohio												
September 2019	W		W	W	W	-	5,637.1 5,646.4					
August 2019	5.4		4.0	W	W	-	5,624.2 5,633.7					
September 2018	W		W	W	W	-	5,783.4 5,791.1					
Oklahoma												
September 2019	W		W	-	5,560.7	-	5,560.7 5,569.6					
August 2019	W		W	-	5,591.1	-	5,591.1 5,602.8					
September 2018	W		W	W	W	-	5,974.6 5,983.4					
South Dakota												
September 2019	-		W	W	W	-	W 916.7					
August 2019	-		W	W	W	-	W 1,047.3					
September 2018	W		W	W	W	-	1,016.9 1,031.4					
Tennessee												
September 2019	W		W	-	3,973.8	-	3,973.8 3,979.0					
August 2019	W		W	-	4,051.2	-	4,051.2 4,053.8					
September 2018	W		W	-	3,952.8	-	3,952.8 3,957.2					
Wisconsin												
September 2019	1.2		9.1	W	W	-	2,906.5 2,916.8					
August 2019	1.0		6.2	W	W	-	3,075.8 3,083.1					
September 2018	2.3		8.4	W	W	-	3,066.2 3,076.9					
PAD District 3												
September 2019	598.0		1.1	W	39,046.6	-	W 39,585.6 40,184.7					
August 2019	W		W	324.4	39,342.7	-	240.8 39,907.8 40,503.9					
September 2018	677.9		1.2	260.0	41,173.7	W	W 41,997.6 42,676.7					
Alabama												
September 2019	W		-	-	2,885.7	-	W W 2,899.5					
August 2019	W		-	W	W	-	W W 2,883.3					
September 2018	W		-	-	2,908.9	W	W W 2,950.4					
Arkansas												
September 2019	-		-	W	W	-	- 2,218.2 2,218.2					
August 2019	-		-	W	W	-	- 2,340.6 2,340.6					
September 2018	-		-	W	W	-	- 2,159.4 2,159.4					
Louisiana												
September 2019	W		-	-	5,310.6	-	W W 5,954.9					
August 2019	W		-	-	4,481.8	-	W W 5,162.5					
September 2018	W		-	-	6,672.4	-	W W 7,449.4					
Mississippi												
September 2019	-		W	-	2,120.4	-	W W 2,130.2					
August 2019	-		W	-	1,965.2	-	W W 1,969.6					
September 2018	-		-	-	W	-	W 2,348.8 2,348.8					
New Mexico												
September 2019	-		W	-	W	-	- W 2,010.0					
August 2019	-		-	-	2,097.8	-	- 2,097.8 2,097.8					
September 2018	-		W	-	W	-	- W 2,132.2					
Texas												
September 2019	W		W	W	W	-	W 24,968.8 24,972.0					
August 2019	W		W	W	W	-	139.7 26,048.0 26,050.1					
September 2018	W		W	W	W	-	W 25,633.3 25,636.5					

See footnotes at end of table.

Table 47. Prime supplier sales volumes of distillate fuel oils and kerosene by PAD District and state (cont.)
thousand gallons per day

Geographic area month	Kerosene	No. 1 distillate	No. 2 fuel oil	Ultra-low sulfur	No. 2 distillate		Total distillate and kerosene
					No. 2 diesel fuel	Low-sulfur	
PAD District 4							
September 2019	W	W	2.3	9,525.8	-	-	9,528.1
August 2019	-	20.5	W	W	-	-	9,982.7
September 2018	W	W	W	W	-	-	9,522.1
Colorado							
September 2019	-	9.8	-	2,456.3	-	-	2,456.3
August 2019	-	9.1	-	2,553.0	-	-	2,553.0
September 2018	-	7.4	-	2,461.7	-	-	2,461.7
Idaho							
September 2019	-	4.4	W	W	-	-	1,444.4
August 2019	-	W	W	W	-	-	W
September 2018	-	2.9	W	W	-	-	1,495.7
Montana							
September 2019	-	19.4	W	W	-	-	1,733.2
August 2019	-	8.3	W	W	-	-	1,876.2
September 2018	-	17.9	W	W	-	-	1,846.7
Utah							
September 2019	W	W	W	W	-	-	2,026.4
August 2019	-	W	W	1,906.9	-	-	W
September 2018	W	W	W	W	-	-	2,050.8
Wyoming							
September 2019	-	5.0	-	W	-	-	1,867.8
August 2019	-	2.7	-	2,045.8	-	-	2,045.8
September 2018	-	7.3	-	W	-	-	1,667.3
PAD District 5							
September 2019	W	W	W	W	W	775.1	23,444.7
August 2019	W	W	W	W	W	909.1	22,314.3
September 2018	10.2	215.9	W	W	W	712.2	23,377.2
Alaska							
September 2019	-	W	W	W	-	W	W
August 2019	-	W	W	W	-	W	730.9
September 2018	-	W	W	W	-	W	554.9
Arizona							
September 2019	-	-	-	2,871.2	-	-	2,871.2
August 2019	-	-	-	2,770.5	-	-	2,770.5
September 2018	-	-	-	2,704.0	-	-	2,704.0
California							
September 2019	W	W	-	W	-	W	11,790.7
August 2019	W	W	-	10,690.0	-	165.5	10,855.5
September 2018	W	W	-	W	-	W	12,336.7
Hawaii							
September 2019	-	-	-	242.6	W	W	W
August 2019	-	-	-	315.5	W	W	769.2
September 2018	-	-	-	W	W	423.6	876.4
Nevada							
September 2019	W	W	W	W	-	-	1,548.1
August 2019	W	W	W	W	-	-	W
September 2018	W	W	W	W	-	-	1,472.2
Oregon							
September 2019	-	W	-	2,105.8	-	W	W
August 2019	-	-	-	W	-	W	2,219.1
September 2018	-	W	-	W	-	-	W
Washington							
September 2019	W	W	W	3,804.3	-	W	3,840.1
August 2019	W	W	W	3,269.6	-	W	3,578.3
September 2018	-	W	W	3,427.5	-	W	W
							3,498.9

- = No data reported.

W = Withheld to avoid disclosure of individual company data.

Note: - Total Distillate = No. 1 Distillate + No. 2 Distillate + No. 4 Fuel Oil (published on Table 46). - In January 2007, ultra low-sulfur diesel fuel was added. - Values shown for the current month are preliminary. Values shown for previous months are revised. Data through 2018 are final. Totals may not equal the sum of the components due to rounding.

Sources: - U.S. Energy Information Administration, Form EIA-782C, *Monthly Report of Prime Supplier Sales of Petroleum Products Sold for Local Consumption*.